APPENDIX C

FIELD DOCUMENTATION (SAMPLING FORMS AND GROUNDWATER ELEVATION FORMS)

Daily Activity Report (DAR)	Gilbane
Project Name: JEXNIS WESB	Page (of)
Project No./Task Code: J163307 Zoo	Date: 3/9/15
Description of Work: SVMW INSTAUATION', SOLL SOIL GAS SAMPLE	
Visitors / Subcontractors:	
Weather:	
Description of Field Activities ON 5 ONSITE OSMA STORME STRUM AREA - GOT CZ	EN ARTOVES
8635 COMPLETE SOUP THIGHE SHEET MITY; MOB	HUZE BOUP
TO 5030 FIRESTONE BUID.	
0800 TOHMUTS MORNE -OFFIN GATE, SUS UP ON :	IN-55/5611
COLLECT GOIL SAMPLUS @ 0.5; Z, 5,	15,25
35' INCLUDING DUPS @ 0.515	
CONSTRUCT TOMA SUMW W COMPLETTON	5 @ 5 15.
75:35 FB45	
1010 MOVE RIG TO JW-5B SG19, COLLECT SOI	
TOMP SUMW W/COMPLETIONS AT 5, 1	5 , 25 155 BUS
1145-1245 ADT LUNGT BEBAK	
1245 Male 124 TO TW-58/5409, COLLET SOIL	
TEMP SUMW W/ COMPLETIONS 5' 15	PUCT SE BHS
	•
KARIDI TURST (EPH RAM) ONISITE - INSPECT T	EMP SUMWS
LOCATIONS EPA DECIDES TO DIFFIE SUB-SLAB	
SAMPLING UNTIL INITIAL ROUMD OF SOIL GAS SAMPLES	
ITANG BEEN MULLYZED AND EVALUA	TED
1720 MOUE EQUIP OFFEITE TO SAMA STAYING A	PLAN PIZET-M215
SAMPLES FOR SHIPM OUT, DELIVER TO	PEDEX
•	
Prepared by: PSPHIMPS Signature:	Ly-
PSPHIMPS DAR 080614 doc	

Daily Activity Report (DAR)	Gilbane
Project Name: JEXNIS WESB	Page Z of Z
Project No./Task Code: J163067 Zoo	Date: 3/10/15
Description of Work: SVMW (MSTAUATION) SOLL SOIL GAS SAMPLY Visitors / Subcontractors:	NG
Weather:	
Description of Field Activities PROCESS SAMPLE DESIGNATION	
DIELL AND DEIVE SOIL BORING FOR GOD TO	37.14 SAMPIES
COLLECTION TO 60' BGS; COLLECT BUILD GEOTELH SAMPLES AT 15, 35, 45 !	SUBVE
4 GOTEY+ SAMPLES AT 15, 35, 45 ! 6	0'34,5
PIZEPATE ENVIRONMENTAS SAMPLES FROM ?	TIN-58/5614
FOR SCHIPMENT, PREPARE LIGARITHALICAL GAMP	USS FOR
SITIPMENT LITOLD GIBOTEZH SAMPLES UNTI	L CONTRACT
IMS BEEN SIGNED]	
DESTROY GEOTECH BOREHOLE @ JW-SB/SG	(7)
Deliver Education (1) 2 to 3 (4) 25	I LOGHTON
· · · · · · · · · · · · · · · · · · ·	
Prepared by: PSPHILLES Signature:	
DAR 080614.dcc	

Daily Activity Report (DAR)	Gilbane
Project Name: JEXNIS WESB	Page of Z
Project No./Task Code: J163087 Zoo	Date: 3/16/15
Description of Work: SYMW INSTAUATION', SOLL 501L GAS SAMPL	
Visitors / Subcontractors:	
Weather:	
Description of Field Activities	
TAILGATE SAFETY MIZ.	CANDUCT
0750 MONE TO 5030 FIREGIONE, TENANT MONES FOR ALLESS TO DRILLING LOCATIONS	ahes .
CORE CRUSH SCHEDULE	CONCRETE
OPED CAUS TO CHAMMENTE WHITE FICHMEN VILLAFING TO CONFIRM COL SAMPLE AMALYSIS AMO COUTCILLED SETZYICE ACREE TO CAM BUT OWNITTOWN WY CONFIRM PECLARDING PICELLOCATION	LAD
RESPOND TO CHEMIEUM EMAIL DE! MY 95QE SAMPLE WIAS DELIVERED TO LAB BUT NOT C^O-C INSTRUCTED LAB TO AMAITZE SA PROCEDURES REVISED GOC WILL BES	INCL. ON THE PERE
MOBILIZE EQUIP TO JW-58Z7 COLLECTION CF. AMANSIS AT ZO 30' BGS, DEST	T SOIL SAMPLES TROY BORDEBUE THE CRETTE
1010 MOVIE EQUIP TO JW-58/54 16, COLLECT @ 0.5, Z, 5, 15, Z5 ! 35' BGS. CON TEMP SUMW WI COMPLETIONS AT 5, 1	501L SAMPLES 5,25 : 35'BKS
1145 - 1245 GOT LUNCH BIZEAK	
1300 MONE EQUIP TO JW-5B/5417 TELE DOWNES (THREEZ CONSULTANTS) TO DISCUS SAMPLES AND SAMPLE VOLUMES, CONT	SS GIBOTECH
Prepared by: PSPHIMPS AR 080614-doc Signature:	4

Daily Activity Report (DAR)		Gilbane
Project Name: JEXNIS WI	328	Page Z of Z
Project No./Task Code: J16300	7 Z00	Date: 3/11/15
I Description of Work:	TION', SOLL SOIL GAS	SAMPLING
Visitors / Subcontractors:		
Weather:		
	Description of Field Activities	
COLLEGED	DURING THIS DAMSED	F SAMPY NY
1230 MONERIG	10 JW- 58/3410, CL	IT CONCRETE CRE
HAND AUGET	2 TO 5' BGS COMPLE N. SAMPLES (3 0.5, STALL TEMP SUMW	TE BORING:
COLLECTE	N. SAMPLES 3 0.5.	2, 5, 15, 25 , 35'
BGS, IHS	STALL TOMP SVAW	W/ COMPLETIONS AT
5,15,2	5 ± 35' B45	
14 MD CONTINUE TO	EM FIREINS (CALS	CLONIET MUSITE TO
PICK UP (FOR EUROFINS (CALS	JW-5827
	6	
PLEPARE	C-O-C, PACK SAMPU	35 FUR SHIPMENIT
TRANSFOR	SAMPUSS TO FED EX	,
	1 6.41.	
1595 128UNGOISE	I SAMUS TO FEDEX	
	Water Control of the	
Prepared by: PSPHILLIPS	Signature:	1,20 ll
DAR 080614.doc		

Daily Activity Report (DAR)	Cilbane
Project Name: JEXNIS WESB	Page of Z
Project No./Task Code: J163007 Zoo	Date: 3/11/15
Description of Work: SVMW (INSTAUATION) Soll	& SOIL GAS SAMPLING
Visitors / Subcontractors:	
Weather:	
	of Field Activities
0755 GOT, GILBANE DUSITE,	COMPLETE TAILGME SFTY MK,
AND REN SCH. FOR	745 DAY
0810 TVL TO FED BY TO SA	HP VOC, SYOC PCB SAMPLES
Prom JW-58/541	
mal Tu - production	
0975 TULTO RELIABLE STE	B TO INSPECT LOCATIONS W/
	BNITIAL FUR SATURDAY WORK
	TO UPDATE MR. PALMERZ
RELIABLE STEEL	DING ANSITE WORK SCH. AT
1-04/1/500 31 000	
1615 PUP ONSITE AT 5030	FIRESTAND BOYD, GOT HAS
	BORING AT JW-58/56 17:
	T 05, 2,5, 15, 25, 35' B45
VIII IN STALLED AT	EMP SUMUS WI COMPLETIONS AT
5, 15, 25 ! 35' 84	SMD SUMUS W/ COMPLETIONS AT
5, 15, 25 ! 35' 84	5
5, 15, 25 ! 35' BG	18 COLLECT ENV. SAMPLESAT
5, 15, 25 ! 35' BG MOVE RIG TO JW 58/56 ! 0.5, 2, 5, 15, 75 ! 35'	18 COLLECT ENV. SAMPLESAT BUS: CONST. A TEMP SYMWW/
5, 15, 25 ! 35' BG MOVE RIG TO JW 58/56 /	18 COLLECT ENV. SAMPLESAT BUS: CONST. A TEMP SYMWW/
5, 15, 25 ? 35' BG MOVE RIG TO JW 58/56 ! 0.5, 2, 5, 15, 75 ? 35' COMPLETIONS @ 5, 15,	18, COLLECT ENV. SAMPLESAT BUS; COMST. A TEMP SYMWW/ 25, 135'BUS
5, 15, 25 ! 35' BG MOVE RIG TO JW 58/56 ! 0.5, 2, 5, 15, 75 ! 35' COMPLETIONS @ 5, 15, 1130 - 1230 ADT LUNCK BREAK	18, COLLECT ENV. SAMPLESAT BUS; CONST. A TEMP SYMWW/ 25, 135° BUS
5, 15, 25 ! 35' BG MOVE RIG TO JW 58/59 1 0.5, 2, 5, 15, 75 ! 35' COMPLETIONS @ 5, 15, 1130 - 1230 GDT LUCK BREAK CONF. GALL W EDG.	BUS; CONST. A TEMP SYMW W/ 25, 135° BUS
5, 15, 25 ? 35 ' BG MOVE RIG TO JW 58/56 ! 0.5, 2, 5, 15, 75 ? 35' COMPLETIONS @ 5, 15, 1130 - 1230 GDT LINCH BREAK CONF. GALL W/ EDG. UPCOMMING PORTIONS	S. COLLECT ENV. SAMPLESAT BUS; CONST. A TEMP SYMW W/ ZS, !35° BUS DON G.: DISCUSS HOUT MAD S OF SCHEDUB INCLUDING MAY OF
5, 15, 25 ! 35' BG MOVE RIG TO JW 58/56 ! 0.5, 2, 5, 15, 75 ! 35' COMPLETIONS @ 5, 15, 11 30 - 1230 ADT LUNCH BREAK CONF. GALL W/ EDG. UPCOMMING PORTIONS INT WIPL DESTRUCT	S. COLLECT ENV. SAMPLESAT BUS; COMST. A TEMP SYMW W/ ZS, SS'BUS DONG; DISCUSS HOXT MAD S OF SCHEDUB INCLUDING MAY OF STICUS (B) COOPER DRUM. EXPENTATION
MOVE RIGTO JW 58/59 1 MOVE RIGTO JW 58/59 1 0.5, 2, 5, 15, 75 ! 35' COMPLETIONS @ 5, 15, 1130-1230 ADT LUCK BREAK CONF. GALL W/ EDG. UPCOMMING PORTIONS INT MIELL DESTRUCT WILL BE TO THESE R	S. COLLECT ENV. SAMPLES AT BUS; CONST. A TEMP SYMW W/ ZS, !35'BUS DONG; DISCUSS HEXT MUD S OF SCHEDUE INXLUDING MAY OF STICUS @ COOPER DRUM. EXPENSATION EMMINING JW 145 BISG, COMPLET
MOVE RIGTO JW 58/56 1 0.5, 2, 5, 15, 75 \ 35' COMPLETIONS @ 5, 15, 1130-1230 ADT LINCH BREAK CONF. GALL W/ EDG. UPCOMMING PORTIONS INT WIPL DESTRUCT WILL BE TO THINE RI DN NEXT FIRE OR EI	S. COLLECT ENV. SAMPLESAT BUS; COMST. A TEMP SYMUND ZS, JSS'BUS DONG; DISCUSS HEXT MAD S OF SCHEDUB INCLUDING MAY OF TIGHS @ COOPER DRUM. EXPENTATION EMINING JW 145 BIEG, COMPUTE MELY THE FOLLOWING WELLK
MOVERIGITO JW 58/59 / MOVERIGITO JW 58/59 / 0.5, 2, 5, 15, 75 / 35' COMPLETIONS @ 5, 15, 1130-1230 ADT LUNCH BREAK CONF. CALL W/ EDG. UPCOMMING PORTIONS INT WIPL DESTRUCT WILL BE TO THINE RI EN WRAT FIRE OR EN	S. COLLECT ENV. SAMPLESAT BUS; CONST. A TEMP SYMULUS ZS, SS'BUS DONG; DISCUSS HEXT MID S OF SCHEDUE INCLUDING MAYOY STICUS @ COOPER DRUM. EXPEDITURE EMINING JW 145 BIEG, COMPLETE MELY THE FOLLOWING WEEK
MOVE RIGTO JW 58/59 / MOVE RIGTO JW 58/59 / 0.5, 2, 5, 15, 75 / 35' COMPLETIONS @ 5, 15, 1130 - 1230 ADT LINCH BREAK CONF. AML W/ EDG. UPCOMMING PORTIONS INT WIEL DESTRUCT WILL BE TO THIVE RI DY MRAT FIRT OR EI PJ! TO CONTACT 1+2 F THEIR EQUIP LATE F	S. COLLECT ENV. SAMPLESAT BUS; COMST. A TEMP SYMULUS ZS, JSS'BUS DONG; DISCUSS HEXT AND S OF SCHEDULE INXLUDING MAYOF FIGHS @ COOPER DRUM. EXPENSATION EMAINING JW 145 BISG, COMPLETE MELYTHE FOLLOWING WEEK TO DISCUSS MCBILIZATION OF HEXT WEEK TO COMPLETE THE
MOVE RIGTO IN SBISG I 0.5, 2, 5, 15, 75 \ 35' COMPLETIONS @ 5, 15, COMPLETIONS @ 5, 15, 1130-1230 ADT LUNCH BREAK CONF. CALL W/ EDG. UPCOMMING PORTIONS INIT WIEL DESTRUC WILL BE TO THINE RI DN HRAT FIRE OR EN PIT TO CONTROL HATE A PURGEVOLUME TES	S. COLLECT ENN. SAMPLESAT BUS; CONST. A TEMP SYMUN W/ ZS; SS'BUS DONG; DISCUSS HEXT AND S OF SCHEDUB INCLUDING MAY OF EMINING JW 145 BISG, COMPLETE MELY THE FOLLOWING WEEK TO DISCUSS MOBILIZATION OF HEXT WEEK TO COMPLETE THE STING. DON TO CONFIRM W)
MOVE RIGHT JW 58/59 1 MOVE RIGHT JW 58/59 1 0.5, 2, 5, 15, 75 \ 35' COMPLETIONS @ 5, 15, 1130-1230 ADT LUNCH BREAK CONF. CALL W/ EDG. UPCOMMING PORTIONS INT WIEL DESTRUC WILL BE TO THINE RI DN HRAT FIRE OR EN PJP TO CONTACT HIS THEIR EQUIP LATE A PURGE VOLUME TEE KAREEN THAT SUB-SU	S. COLLECT ENV. SAMPLESAT BUS; COMST. A TEMP SYMULUS ZS, JSS'BUS DONG; DISCUSS HEXT AND S OF SCHEDULE INXLUDING MAYOF FIGHS @ COOPER DRUM. EXPENSATION EMAINING JW 145 BISG, COMPLETE MELYTHE FOLLOWING WEEK TO DISCUSS MCBILIZATION OF HEXT WEEK TO COMPLETE THE

Daily Activity Report (DAR)	Gilbane
Project Name: JEXUS WESB	Page of
Project No./Task Code: J163007 Zoo	Date: 3/12/15
Description of Work: SVAW INSTAUATION', SOIL 501L GAS SAMI	HNG
Visitors / Subcontractors:	
Weather:	
Description of Field Activities	
0710 PJP ONGTIE, PREPARE SAMPUNG EQUIT	P. GOT AND
EDG ARTINE, COMPLETE TAILGATE	SAFETY MIG.
0930 MONE EQUIPT TO 5030 FIRESTONE,	SET UPON
JW-SB/SGOT; RJP TO MIKE IC	E RUN
JW-5B/SG 07: PJP TO MAKE IC DILL SAMPLE AT 0.5, 2,5, 15, 23 BGS. THISTALL TEMP. SUMW A	5, AND 35'
BGS. IN STALL TOMP. SUMW A	5, 15, 25
AND 35' B45	
1010 MONE EQUIPTO TW SBISGOB; COMPUSTO	- HALM ARMO
TO 5' RGS DIZILL COLLECT SOIL SAME	PLPS AT D.S'
TO 5' BGS. DIZILL & COLLECT SOIL SAMP Z', 5', 15', 25', 35' BGS. CONST.	TEMP SUMMI
W/ completions @ 5, 15, 25 1 35'	BUS
1130-1230 GOT LUNCH, CALL TO RICH ARD @	CAI SCIMUS TO
SCH. CONERIETZ PLYCUP FOR COL SM	MPUSS THERON
BTWN 10:00 - 1:00 (JW-513/54	13 SAMPLED
PLACE ORDIONE FOR AN ADDITIONAL 100	CORENONE
SAMPLERS PER ED'S REGUEST	
1230 MOVE EQUIP TO JW SBIS413 DELLE	SAMADIA TA
0.5 2.5.15 75 35' BCS INSTALL A	TRUP. SUMIN (1)
0.5, 2, 5, 15, 25 35 B45, INSTALL A COMPLETIONS @ 5, 15, 25 35 B43	121111 271100 00
1445 PREPARE C-O-C'S AND SAMPLES FOR SUIDA	UBAT, TEMBEROS
SAMPLES TO FEODY, RELIAUSH SAMP	LUS TO FROOM
Prepared by: PSPHIMPS Signature:	01
DAR 080614.doc	

Daily Activity Report (DAR)		Gilbane
Project Name: JEXNIS WESB		Page / of /
Project No./Task Code: J163367 Z00		Date: 3/13/15
Description of Work: 3VMW (NSTAUATION) SOLL 5 Visitors / Subcontractors:	OIL GAS SAMP	
GDT		
Weather:		
Description of Fiel 0745 TATGATE SAFTY, MTG @ 5		
LOAD SAMPLING EQUIP. DISC EQUIP TO 5030 FIRESTON	USS DAILY SCHI	
6830 CHSITE AT JW SB/SG14	DRILL AND SA	MPLE AT O.S,
Z, 5, 15, Z5 35' B45.	I ENCOUNT BR	UNDERGRAND
MMD AN ATPROX 18" EAST		
MYPROXIMATELY 2' HORTH O	SELOND LOCATION	s)
INSTAN TEMP SYMW	Campien	× 15 5 15
75 '35' B45	William	5 /4 5,13,
DEUDE TO START PURC	LGAS SAMPLIN	4 3CH.,
3123115 SO MATCEL CAM		
SAMPUNG EVENT		
1045 CANTOGOT TO SCH. MAKOX I	-BEGION WIELL DE	5172V 3100\
PRESSURE GROOT FOR HE	T THURS/A210A	APR MNZI9/2
(COOPER DRUM)		
MAIS 1215 TO JW 38/56/15	DELL & SAMP	5 AF 0.5 2
5, 15, 75 ? 35' B45.	ENSTALL TEMP	SYMW W
COMPLETIONS AT 5, 15, 2	5 ! 35'	
11 30 COURRIDE FROM CALSCIENCE	DEAFNE DUVE	n . n C
SAMPLES COLLECTED YES		
1220 PRETMEE SAMPLES FOR FEDEY AND RELINGUISH C	SHI DMENT, TIZM	SPORTTO
Prepared by: PSPHILIPS Signatur		A

Daily Activity Report (DAR)	Gilbane
Project Name: JEXNIS WESB	Page of
Project No./Task Code: Ji63087 Zoo	Date: 3/16/15
Description of Work: SYMW INSTAUATION; SOLL & SOIL GAS	
Visitors / Subcontractors:	311111419
Weather:	
Description of Field Activities	
0730 ONSITE @ SHIN STAKING MELAN, PICE PA	
EQUID AND CONDUCT TAILGATE SAFE	MTG.
TUL TO RELIABLE STEEL TO REMIN	ID THEM THAT WE
WALL BE MOVING ONSITE BY MI	
GET ICE	
0830 SETEQUEUP UP ON JWSB/541Z, CO	SMPLETE AGIN ALGER
1051 Bas; DIZILL AND COLLECT	SOIL SAMPLES AT
0.5, 2.5, 15, 25 35 35	COLISTRUCT TEMP
SUMW W/ COMPLETIONS AT 5, 15	
The state of the s	TOU MUT (TOO)
REVIEW DIVING LOCATIONS W OWH	
AT JW SBISGZG, HAMID AUGUETS 5	
5/1M OUB @ 02, 51, 13, 25 : 351, 560 TISMAS	war w/com/30 5,15,26/3
1200-1300 GDT LUNKIH BIZBAK	
1300 MONT EQUIP TO TW SBIS 25: DRI	U. + SAMPIETO 03
5, 45', 25 35' B 45,	3,4111 (2 10 0.2,
1410 INSAM TOMP SUMIN W/COMPU	517aJ3 A7 5', 15, 25'
AND 25' BGS., PREPARE SAM	NPUSS FOR SAIPMENT
1515 TRANSPORT SAMPLES TO FEODS	(DELINGUENT
Prepared by: PSPHILLES Signature:	

Daily Activity Report (DAR)	Gilbane
Project Name: JEXNIS WESB	Page of
Project No./Task Code: J163387 Zoo	Date: 3117115
Description of Work: SYMW (NSTAUATION) 501L 501L 6	
Visitors / Subcontractors:	
Weather:	
Description of Field Activity 0705 ONSITE AT SAIN STAGING MEN	
TO PURCHASE ICE, GOT NOS	IUZE TO TOBUABLE
57882	
0745 CK W/RECETTONIST AT TABULABLE	STEEL: JOSFF PALMERZ
HOT EXPECTED ONS TE UNTIL A	MIDMARNING
MAIR 12/ TO TIL 38/5/ 21	NEW YOUR SAU
MANE PAG TO JU SBISG ZY, SAMPUS AT O.Z, 5', 15', 2	25 / 35 866
8G5 INSTAU TOMP SYMW W/ COM	PLE TRANS HT 5, 15, 75 + 35
0450 MAIR RK TO TW 5B/54 ZI;	DOUL FOURT SOU
SAMPLES AT 0.5, 2, 5, 1	5, 25 35 PGS.
1040 INSTAU TEMPORATE SYMYN 5, 15, 25 2 35 B4S	WY COMPLETIONS AT
5, 15, 27, 33, 143	
1145 PREPARESAMPLES FOR SOMPMON	IT, COMPLETE DOCUMENTATION
1400 TIZANS FORZ SAMPLES TO FISH E	₹
1400 TRANSFOR SAMPLUS TO FISD E	7
Prepared by: PSPHILLPS Signature:	> Lelly
DAR 080614.doc	

Daily Activity Report (DAR)	G ilbane
Project Name: JEXNIS WESB	Page of (
Project No./Task Code: 5163007 Zoo	Date: 3/18/15
Description of Work: SYMW INSTAUATION' SOLL 501L GAS SAMPLIN	
Visitors / Subcontractors:	
Weather:	
Description of Field Activities OCIO ONSITE AT SAIN W 45T. COMPLETE THILGHE SE	
OTIO ONSITE AT SATA WIGHT, COMPLETE TRILLATE ST WAS EQUIP, PIEP TEMP BLANKS	HOY MIG;
OTHO TULTO REMARKS STEEL SET BOWD UP AT JWSP	454 <u>20</u>
OTHO TUL TO RELIABLE GTEBZ, SET EQUIP UP AT JW SP COMPLETE HAND AUGUST TO 5', DRILL & COLLE SAMPLES AT 0.5', Z', S', 15', Z5 & 33' BS	15
· ·	
MD 35' B45	5, 13,25
1015 MOVE EQUATED JW SB S4 ZZ; COMPLETE HAND TO 5', DIZILL & COLLECT SOLL GAMPLES AT 0 Z5' ? 35' B 45	ALGER
Z5' : 35' B45	2, 5, 13,
1155 I AISTALL TEMP SUMBLY W/COMPLETIONS AT 5,	T 75 / 25
B45	13, 23 , 53
1235 GIST LLAKH, PJP PRIDE SAMPLE DOCUMENTANT	
1235 GIST LLACH, PJP PROP SAMPLEDOCUMONITATI PROCK SAMPLES	
1416 TRANSFOR SAMPLES TO FEDBY	
1770 / PUMB FEIL SAMICES IS I ESE	
1440 RELINGUISH SAMPLES TO FEDER, THE TO L	A4 70
96T NOW RONTHL VEHICLE	
Proved by	
Prepared by: PSPHIMPS DAR 080614 doc Signature:	

Daily Activity Report (DAR)	Gilbane
Project Name: JEXNIS WESB	Page of
Project No./Task Code: J163087 Zoo	Date: 3/19/15
Description of Work: SYMW (NSTAUATION) SOLL SOIL GAS SA	
Visitors / Subcontractors:	
Weather:	
Description of Field Activities	
8715 PJP/GUT ONSITE; MOBILIZE TO COSPODE	DRUM FOR WELL
DESTRUCTED ACTIVITIES - SPUT TIME W	JUDIUS WIEBB
0950 . TELECAN W/ SUZIE (H.P) - HARRE TO T	TERRIBING A.
IZEGUTS AND COMMUNICATIONS WI	JOB H DAM COAL
(JI630072) AND ARD JORYIS WIL	EBB' TO THE
END	1
· WILL MEET MIRCUIL AT SAIA @08001	Monitory 3/23/15,
· CONFIRM THAT DUFES FOR EDARY WILL	BE COLETED IN
SOMMA CANISTORS (6L) SUPPLIED D	
TO SUPPON TEDLAR BAGS FOR DUP SA	MARING
WELL DESIGN: HIP CORTS FOR PO	iceroleting docs,
DESIGN: A: F CORIS FOR FO	-SOMN BL
1030 TOE CON WIRM BOWNES @ TABOR CONSC	NIMIE TO DISCUSS
SAMPLES SUBMITTED; PERMEABILITY T	EST METHOP (5)
FOR DISTURBED UNDESTURBED SAMP	LES
1200 GDT /PJP MOBILIZE TO RELIABLE STEEL	SETEQUIPMENT
UP AT JW 3B/54Z3, COMPLETE HAND/	WEDE TO 5',
DIZILL MAND COLLECT SOIL SAMPLES AT AND 35' BGS, DZILL! INSTANTEMP!	0.5, 2, 5, 15, 25
AT 5', 15', 25' 35' BGS	DAMM W/ WAIRWIGHT
1-110 PIZEPARE SAMPLES AND TIZANSTON	SOCUMENTS
TIZ MAISPORT SAMPLES TO FED BY	
1530 RELINGUISH SAMPLUS TO FUR EX	
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DAR 080614 doc	

Daily Activity Report (DAR)	Gilbane
Project Name: JEXNIS WESS	Page of
Project No./Task Code: J163987 Zoo	Date: 3/23/15
Description of Work: SYMW (MSTAUATION') SOLL 501L GAS SAMPLY	
Visitors / Subcontractors:	
Weather:	
Description of Field Activities	
OTIS POPONETE AT SMA, WAIT FOR HEP MODILE LAB,	ZOVIBN
SITE SHELTY HUMINT PLAN, WICEK PLAN : COMPLETE	
SAFETY MTG; DISCUSS PARAGUOLUME TESTS A SELECTED FOR PARAGUAME TESTS	TALL LACATIONS
Jean Tak Parale Valorate 1 2315	<u> </u>
0805 TUL TO GODO FIRESTONE W/ HEP, INSPECT SO	TU, MEST
WI TEMMIT, DISCUSS WIGHT PROGRESSION FO	PE THE
WEEK AND VOZIFY SYMW CONSTITUTION TO	ZIALEX
0856 MURIUZE LAB AND SUPPORT TIZICK TO 5030 FIRE	
TH 58/54 16	GOTTAG AT
7 75154 16	
PSP EG. OFFSITE, WARK AND EVALUATE PO	SENTIAL
PJP EG. OFFSITE, WARK AND EVALUATE PO TRAFFIC: U.C. UTILITIES AT PROPOSED OFT L	OCATIONS
4 THRU 8 AND 44 THRU 8A	
1145 HED COMPLETES PURLE VALUEME TEST ON 5 VEHER .	× ->-
IN PROCESS OF COMPLETING PURGE VOLUME TOST ON	
1230 H. P PROVIDES RESULTS OF 5-PURCE VOL. TEST	
1430 MULTIPLE ATTEMPTS TO COMPLETE 15 PURCE VOL TEST FAIL DUE TO SUBSIFFACE MOISTURE, MONE TO Z5 PURCE	
MAIL DUE TO SUBSITIACE MOISTURE, MONE TO Z5 PURCHE	
VOLUME TEST	
1630 25 FORT PURCE UPL. TEST COMPUSE DIVINI	44405 70
1630 25 FOOT PURGE VOL. TEST COMPLETE, DOUGHAND MOYE 15 FOOT PURGE VOL TEST TO JUN S	B/SG 18
Prepared by: Signature:	
Prepared by: PSPHILLIPS DAR 080614 doc Signature:	V

Project Name: Page of Date: 3 24/15 Description of Work: 3 VMW (NETHUATION) SOLL SOIL GAS SAMPUNG Visitors / Subcontractors: 1 3 P Weather: Description of Field Activities Description
Project No./Task Code: J163007 Zoo Description of Work: SVMW INSTAUATION', SOIL SOIL GAS SAMPLING Visitors / Subcontractors: H & P Weather: Description of Field Activities OBOO ONSTEW H! P, COMPLETE THIL GATE SATION MKG. RUN STANIMED CHEUKS IN MOBILE LAS OBHS START PURLEYOUME AT 35' IN JW SB/SLIG
Visitors / Subcontractors: Hope Description of Field Activities Description of Field Activities Description of Field Activities THIL GIFT SAFON MITS. PUNI STANDARD CHEUKS IN MOBUS LASS OB45 START PURLE YOUME AT 35' IN JW 58/5416
Weather: Description of Field Activities OBOD ONSKEW H.P. COMPLEE THIL GIFE SHIPM MIR. PUN STANIMED CHEUKS IN MOBUE LAIS OB45 START PURLEYOUME AT 35' IN JW 58/5416
Description of Field Activities OBOD ONSKEW/ H.P. COMPLEE THIL GIFTE SAFON MITY., PUN STANISHED CHEUKS IN MOBUE LAS OB45 START PURLEYOUME AT 35' IN JW SB/5416
OBOD ONSTEW/ H!P, COMPLETE THE GATE SATEN MITY, RUN STANISHED CHECKS IN MOBILE LAS OB45 START PURLEYOUME AT 35' IN JW SB/5416
OBUS START PURLEYOUME AT 35' IN JUL SB/5416
0845 START PURLEYOUME AT 35' IN JW SB/5416
09 ZO EXCERNALLY LAMES FRO PANE IT AT 35' IN JW 5BBG16
PULLE VOL. TEST; DEUSION MADE TO MOJE 35-FOOT
PROPANG SPIKE DOCUMENTED IN STU STE 16
FILETAME STILL ECCHIONION IN JUN 3034 16
1100 DURING THE 15-FOOT PURCHENOL TEST AT TW SELGE 18 THE WICKYM
PUND STATED TO PRODUCE INVISION. SAMPLETE IMMEDIATELY
SHUT OFF PUMPAIN STO PROTEST. DEUSION MADE TO DISCONTINUE
EVIDENCE THAT 3-PURLEYOUMES WOULD BE APPROPRIME
FOR SOLGING SAMPLING @ JW
1315 COMPLETE PURLE VOLUMB TESTING, PROCEED W/ SOLGAS
GAMPLING USING 3 PURCE NOLUME AT JW SHISGIZ AT 5', 15', 25 35' INTERVALS
H1 3; 13 1 25 - 35 121 121 121 121
1600 HIP, GILBANE OFFSITE: TELECON W/ TOM BEDER TRE: SPUT SAMPLE RELOCATION AND LABELING
TO: SPUT SAMPLE RELOCATION AND LABBLING
PROTOCOL

Daily Ac	tivity Report (DAR)	Gilbane
Project Nam	TAZUS WARR	Page of
Project No./	Task Code: 5163007 Zoo	Date: 365/15
l lleccrintion	of Work:	
Visitors / Su	bcontractors: KNOW Lay / H! P	4 N 9
Weather:	KNOWALS / PI : P	
M Segment S	Description of Field Activities	Carry College Description
0800	GILBURE HAP ONGITE, COMPLETE TAILLIME	SAFETY MIG.
	H ? P SETS UP SAMPLING EQUIP. AT J	W 5B/545 16, 17
	AND 18, MOBILE LAB COMPLETES BLANK R	igns
0830	H-P RESAMPLES JW SB/SG17 45' AND ZS	· · · · · · · · · · · · · · · · · · ·
UUS	BELAUSE PLE CONCON. WETE OVER THE	BANGE (F)
<u></u>	FOR DILUTION	ringg 50.
		(
	FABRICATE PRESSURE GAUGE ASSEMBLY TO	
	POST SAMPLE COLLECTION DIZESSURES IN	
	PREPARE SUMMING FOR SPLIT SAMPLE	7 From
	TW 38/54 18 B 25'	
	HIP COUTINUE SAMPLE COLLECTION & MIALT	YSIC AT
	TW 58154 16 AND 18	, 3, 3 ///
1040	COLLECT DA SPLIT SAMPLE AT JW SB/5418	085'
1100	MONE SAMPLING ACTIVITIES TO TW 58/54	59,11:19
1215	HIP LUNCH	
1340	KADINI TUDU- (FIXA DINA) CHICATE TO MICHAEL	ADER ANNA
1570	KARDY JUDIST (EDA RAM) CASITE TO INSACT OBSERVES COLLECTION OF JULY 5B/SG19-E	5 SAMPLE
	INISPECTS MODILE LAB EQUAP! DISCUSS NO	T PROCESS AND
	SCHEDUED EVENTS FOR THE BI WIF	SPEB.
113415	Variation of the second	
1440	KAMEN TURIST OFFSTE, CONTINUE COURTE	an cr Sal
	GAS SAMPLES AT JW 58/5419	
Prepared by:	POPHILLIPS Signature:	el,-
AR 080614.doc		

Project No./Task Code: J163007 ZOO Description of Work: SVAND INSTAUATION', SOIL SOIL GAS SAMPLING Visitors / Subcontractors: H!D Weather: Description of Field Activities OPOD PJP E.G. H!P ONSITE AT 5030 FITZESTONE, COMP TAIL GAME SAMETY MIG., RUN MORIE LAB BLANKS OPOD COMPLETE SOIL GAS SAMPLING AT JW SB/SGIA THEN MOVE TO JW SB/SGIL 1/ZO CONTINUE SOIL GAS SAMPLING AT JW SB/SGII, ZE 1/5 25 INTERVALS 1/310 MOVE EQUIP. 78 JW SB/SGO7; RESAMPLE JW 1/10 35'	
Project No./Task Code: J163007 Zoo Description of Work: Visitors / Subcontractors: H!D Weather: Description of Field Activities OBOD PJP E.G. H!P ONSITE AT 5030 FITZESTONE, COMPTAIL GATE GATETY MIG., RUN MOISE LAB BLANKS OBOD COMPLETE SOIL 4HS SAMPLING AT JW SB/SCIA THEN MOVE TO JW SB/SCII 1/Zo CONTINUE SOIL GHS SAMPLING AT JW SB/SCIA 1/Zo CONTINUE SOIL GHS SAMPLING AT JW SB/SCII, ZE 1/Zo CONTINUE SOIL GHS SAMPLING AT JW SB/SCII, ZE 1/Zo CONTINUE SOIL GHS SAMPLING AT JW SB/SCII, ZE 1/Zo CONTINUE SOIL GHS SAMPLING AT JW SB/SCII, ZE 1/Zo CONTINUE SOIL GHS SAMPLING AT JW SB/SCII, ZE 1/Zo CONTINUE SOIL GHS SAMPLING AT JW SB/SCII, ZE 1/Zo CONTINUE SOIL GHS SAMPLING AT JW SB/SCII, ZE 1/Zo CONTINUE SOIL GHS SAMPLING AT JW SB/SCII, ZE 1/Zo CONTINUE SOIL GHS SAMPLING AT JW SB/SCII, ZE 1/Zo CONTINUE SOIL GHS SAMPLING AT JW SB/SCII, ZE 1/Zo CONTINUE SOIL GHS SAMPLING AT JW SB/SCII, ZE 1/Zo CONTINUE SOIL GHS SAMPLING AT JW SB/SCII, ZE 1/Zo CONTINUE SOIL GHS SAMPLING AT JW SB/SCIII, ZE 1/Zo CONTINUE SOIL GHS SAMPLING AT JW SB/SCIII, ZE 1/Zo CONTINUE SOIL GHS SAMPLING AT JW SB/SCIII, ZE 1/ZO CONTINUE SOIL GHS SAMPLING AT JW SB/SCIII, ZE 1/ZO CONTINUE SOIL GHS SAMPLING AT JW SB/SCIII, ZE 1/ZO CONTINUE SOIL GHS SAMPLING AT JW SB/SCIII, ZE 1/ZO CONTINUE SOIL GHS SAMPLING AT JW SB/SCIII, ZE 1/ZO CONTINUE SOIL GHS SAMPLING AT JW SB/SCIII, ZE 1/ZO CONTINUE SOIL GHS SAMPLING AT JW SB/SCIII 1/ZO CONTINUE SOIL GHS SAMPLING AT JW SB/SCIII	of
Description of Work: LYMM INSTAULTION', SOIL SOIL GAS SAMPLING Visitors / Subcontractors: H!D Weather: Description of Field Activities OBOD PJP E.G. H!P ONSTE AT 5030 FITZESTONE, COMP TAIL GAS GARLTY MIG., RUN MOBIE LAB BLANKS OBOD COMPLETE SOIL SAS SAMPLING AT JW SB/SG M THEN MOVE TO TW SB/SG II 1/ZO CONTINUE SOIL GAS SAMPLING AT JW SB/SG II, ZE 15 25 INTEREVALS 1310 MOVE EQUIP. TO JW SB/SG 07; RESAMPLE JW 11 @ 35'	17
Weather: Description of Field Activities OBOD PJP, E.G. HIP ONSITE AT 5030 FITZESTONE, COMP TAIL GATE GATCH MIG., RUN MORIE LAB BLANKS OGEO COMPLETE SOIL 4MS SAMPLING AT JW SB/SG MI THEN MOVE TO JW SB/SG II 1/20 CONTINUE SOIL GAS SAMPLING AT JW SB/SG II, PI 1/5 25' INTERVALS 1310 MOVE EQUIP. TO JW SB/SG 07; RESAMPLE JW 11 @ 35'	
Description of Field Activities OBOD PTP E.G. ' M. P ONSITE AT 5030 FIRESTONE, COMP THIL GAME GAMETY MIG., RUN MORE LAB BLANKS OGOD COMPLETE SOIL 4HS SAMPLING AT JW SB/SGIG THEN MOVE TO TW SB/SGIL 1/20 CONTINUE SOIL GAS SAMPLING AT JW SB/SGII, EL 15 25' INTERVALS 1310 MOVE EQUIP. TO JW SB/SGO7; RESAMPLE JW 11 @ 35'	
OGOD PJP, E.G. ! HIP ONSITE AT 5030 FITESTONE, COMPTAIL GATE SAFETY MIG., RUN MOBILE LAB BLANKS OGOD COMPLETE SOIL SAS SAMPLING AT JW SB/SGIG THEN MOVE TO JW SB/SGIV 1120 CONTINUE SOIL GAS SAMPLING AT JW SB/SGII, PL 15 ! Z5' INTEREVALS 1310 MOVE EQUIP. TO JW SB/SGOT; RESAMPLE JW 11 @ 35'	
THEN MOVE TO TW SB/SGIL 1120 CONTINUE SOIL GAS SAMPLING AT JW SB/SGIL, PE 15 , 25' INTERNALS 1310 MOVE EQUIP. TO JW SB/SGO7; RESAMPLE JW 11 @ 35'	CETE
1310 MONE EQUIP. TO JW SB/SGO7; RESAMPLE JW 11 @ 35'	
11 @ 35'	SAMPL
_	58/54
1515 COURT EAR SPUP SAMPLE AT JUL SB/5402-EI	5
1545 14 POFFSITE PREFINE EPA SPUT SAMPLE FE	2
1640 RELINGUISH EPA SPUTS AMPLE TO FED BY	
Prepared by: PSPHILLES Signature:	

Gilbane	Daily Activity Report (DAR
Project Name: JERVIS WEBB	Page of
Project No./Task Code: J163007200	Date: 3/27/14
Description of Work: soil gas sampling	
Visitors / Subcontractors: Hat Crachemistry	
Weather:	89° F, chear-sunny
Description of Field	Activities
0748 Arrive @ 5030 Firestone Blid. (1	United Mofor Olub). Gate
open upor orival.	
0800 HAP arrives onsite conduct H	A STATE OF THE STA
depths. Purp @ n 200 mil	inge for 25' × 35' sample
0830 Collect sample VIV-SB/SCO7-25	-
0900 Collect sample IW-SB/SGO807.	
1905 Set up on VW-SB/5608. Start pu	
DOTO Collect ample VW-SE/SEOS-S	, , ,
2010 Collect ample IN-SE/SGO8-5	
1940 Collect sample NN-SB/5608-18	
1030 Collect sample VW-SB/SGOS-	
oss Set up on NW-SB/SG10 Start	
115 Collect Sample NW-SB/5C10-5-	f for a country wild.
200 Collect sample NW-SB/SG10-15.	
300 Callect sample /W-68/5G-25	
1325 Coffect sample NW-SB/SE-35.	
1335 Set up on VW-SB/SE17. Star	+ purge @ ~ Zoome/min.
1415 Collect sample IN-SB/SG12-5	
1440 Collect sample JW-5B/SG12-15	
505 Collect sample IW-SB/SC12-25.	
SU SCHOOL MOVE WITH. CEASE SITE.	
The state of the s	
Prepared by: Signature:	
E. Gilhera Signature.	te.

Gilbane	Daily Activity Report (DAR
Project Name: JERVIS WEBB	Page of
Project No./Task Code: J163007200	Date: 3-30-15
Description of Work: soil gas sampling	
Visitors / Subcontractors: Hap Geochemistry	
Weather:	F, clear/svnny
Description of Field Activitie	es 😅
0745 Arrive @ 5830 Firestone Blud location.	
0755 H&P staff arrives. Opnoved Has	neeting.
0810 Set up on JN-58/5612 - 35. Start	progra a 200 my min.
1835 Cellect sample NV-SB/SE12-E35. 1 0850 Set up on NV-SB/SE13. Start prog	re @ 2 ZDD ml I wiss.
900 Collect sample JN-SB/SE13-ES.	- Janes
925 Collect sample JW. SB/SG13-515.	
1012 Called sample VW-UB/SG13-E25.	
	25' u 35' depths.
Rasample ul dilutions.	<u>'</u>
Set up on Sw-S8/SGIY. Start proge	(200ml/min.
305 Collect sample VN-SB/SGIV-5.	
1335 Collect sample IN-SE/SE/4-35.	
1430 Oollect Sample VW-SE/SE/4-75	
1435 Set up on JWSB/SCIS. Start pur	gel 200m/min.
530 Serve non area. Cear site	
Secret wife with cease size.	11.5
ω.	
	3
	The state of the s
Prepared by: Signature:	
E. Gillera Signature:	· · · · · · · · · · · · · · · · · · ·

Project Name: JERNISWEBB Project No. Track Code: JERNISWEBB Project No. Track Project No. Track Weather: Am - Cut' F Parthy cloudy Description of Field Activities Description of Fiel	Gilbane	Daily	Activity Report (DA
Jesonizan of Work: Soligas sampling Visitors / Subcontractors: H a P Geochemistry Weather: Am - Gy' F, partly cloudy Description of Field Activities Description of Place Activities Description of Place Activities Description of Place Activities Description of Place Activities Descripti		E 84	Page of
Description of Work: soliges sampling Visitors / Subcontractors: Har Geochemistry Weather: AM - Gy F, party abouty Description of Field Activities 2720 Arvive Q Reliable Steel property. 0745 HAR D'Accelemistry slaff ormes. Conclude the Smeeting. 0835 Callect sample ND-5824. 25. 0835 Callect sample ND-5824. 35. 0835 Callect sample ND-5824. 35. 0839 Collect sample ND-5824. 35. 0940 Set up on Ju-5885823. Stort punging Q 200ml /min. D922 Collect sample ND-5823-15. 0952 (allect sample ND-5823-15. 1017 Collect sample ND-5823-35. 1100 Set up on ND-5815822. Start purging Q 200ml /min. 1112 Collect sample ND-5823-35. 1120 Collect		A 2	Date: 4-1-15
Weather: AM- 64 F party cloudy PM-73 F. Ckar/sunning Description of Field Activities 2730 Arvive Q Reliable Steel property. 2745 HAP Oxecolomistry staff orvives. Candral HAS meching. 2880 Set up an NW-58/15024 Stend purge on 25' depth. 2885 Collect Sample NW-5224-25. 2885 Collect Sample NW-5824-25. 2916 Set up on JW-58/15023. Stend purging Q 200ml /min. 2922 Collect Sample NW-5023-5. 2017 Collect Sample NW-5023-15. 2017 Collect Sample NW-5023-25. 2018 Cellect Sample NW-5023-25. 2019 Set up on NW-58/5022. Stand purging Q 200ml /min. 2010 Set up on NW-58/5022. Stand purging Q 200ml /min. 2011 Collect Sample NW-5022-25. 2010 Collect Sample NW-5022-25. 2010 Collect Sample NW-5022-25. 2010 Collect Sample NW-5022-35. 2010 Set up on NW-58/5020. Stand purging Q 200ml /min. 2010 Set up on NW-58/5020. Stand purging Q 200ml /min. 2010 Set up on NW-58/5020. Stand purging Q 200ml /min. 2010 Set up on NW-58/5020. Stand purging Q 200ml /min. 2010 Set up on NW-58/5020-5. 2010			, , , , , ,
Description of Field Activities	Visitors / Subcontractors:		
Description of Field Activities 2730 Arvine (a) Beliable Steel property. 0745 HAP Oceochemistry staff crives. Conclud 1445 meching. 0805 Set up on No. 58/5624. stand purge on 28' deptr. 0835 Cellect sample No. 5224-25. 0839 Collect sample No. 5224-35. 0940 Set up on No. 58/5623. Start purging (a) 200ml /min. 0922 Cellect sample No. 523-5. 0952 (ellect sample No. 523-15. 10137 Collect sample No. 523-35. 1100 Set up on No. 58/5622. Start purging (a) 200ml /min. 1112 Cellect sample No. 522-25. 1120 Collect sample No. 58/5620. Start purging (a) 200ml /min. 11360 Set up on No. 58/5620. Start purging (a) 200ml /min. 1139 Collect sample No. 58/20-5. 11393 Collect sample No. 5820-35. 11303 Collect sample No. 5820-35.		1 DM 73°F	Okan la an
0745 HAP Occolomistry staff ornivés. Conduct HAS meching. 0808 Set up an NN-S8/5024. Stand purge on 25' depth. 0835 Collect sampt NN-5224-25. 0859 Collect sampt NN-5224-35. 0910 Set up on NN-58/5023. Stant purging Q 200ml /min. 0927 Collect sampt NN-5023-5. 0952 (ollect sampt NN-5023-15. 1017 Collect sampt NN-5023-35. 1100 Set up an NN-58/5022. Stant purging Q 200ml /min. 1112 Collect sampte NN-5022-25. 11204 Collect sample NN-5022-25. 11204 Collect sample NN-5022-25. 11205 Collect sample NN-5022-35. 1130 Oontinus purging Q 15' depth. (Incrum persistent () this depth. 11360 Set up on NN-58/50-20. Stand purging Q 200ml /min. 11395 Collect sample NN-5020-5. 11438 Collect sample NN-5020-35. 11503 Collect sample NN-5020-35. 11503 Collect sample NN-5020-35. 11503 Collect sample NN-5020-35. 11503 Collect sample NN-5020-35.			. cient /sonny
0745 HAP Occolomistry staff ornivés. Conduct HAS meching. 0808 Set up an NN-S8/5024. Stand purge on 25' depth. 0835 Collect sampt NN-5224-25. 0859 Collect sampt NN-5224-35. 0910 Set up on NN-58/5023. Stant purging Q 200ml /min. 0927 Collect sampt NN-5023-5. 0952 (ollect sampt NN-5023-15. 1017 Collect sampt NN-5023-35. 1100 Set up an NN-58/5022. Stant purging Q 200ml /min. 1112 Collect sampte NN-5022-25. 11204 Collect sample NN-5022-25. 11204 Collect sample NN-5022-25. 11205 Collect sample NN-5022-35. 1130 Oontinus purging Q 15' depth. (Incrum persistent () this depth. 11360 Set up on NN-58/50-20. Stand purging Q 200ml /min. 11395 Collect sample NN-5020-5. 11438 Collect sample NN-5020-35. 11503 Collect sample NN-5020-35. 11503 Collect sample NN-5020-35. 11503 Collect sample NN-5020-35. 11503 Collect sample NN-5020-35.	0730 Arviva. @ Delichte Chala	none of 1	
OBJEC Set up an MV-SB/5624. Short purge in 28' depth. OBJEC Cellect Sample NW-SC24-25. OBJEC Cellect Sample NW-SC23-35. OBJEC Cellect Sample NW-SC23-5. OBJEC Cellect Sample NW-SC23-5. OBJEC Cellect Sample NW-SC23-15. IOIJE Cellect Sample NW-SC23-25. IOIJE Cellect Sample NW-SC23-35. IIID Set up an IN-SB/5622. Start purging @ 200ml /min. IIIZ Cellect Sample NW-SC22-25. IZDU Cellect Sample NW-SC22-25. IZDU Cellect Sample NW-SC22-25. IZDU Cellect Sample NW-SC22-35. IZDU Cellect Sample NW-SC20-5.	0745 HAP Orochemistry data	Corried Conduct Ha	5 mechine
0859 Collect Sample No-SC24-25. 0859 Collect Sample No-SC24-35. 0910 Set up on Jw-S8/S623. Sfort priging Q 200ml/min. 0927 Collect Sample No-SC23-5. 0952 (ollect Sample No-SC23-15. 1017 Collect Sample No-SC23-25. 1018 Collect Sample No-SC23-35. 1100 Set up on Jw-S8/SC22. Start priging Q 200ml/min. 1117 Collect Sample No-SC22-25. 1204 Collect Sample No-SC22-25. 1204 Collect Sample No-SC22-25. 1205 Collect Sample No-SC22-25. 1230 Continue priging Q 15'depth. (Jacvum persistent Q this depth.) 1356 Set up on No-S8/SC20. Start priging Q 200ml/min. 1305 Collect Sample No-SC20-15. 1305 Collect Sample No-SC20-15. 1308 Collect Sample No-SC20-35. 1530 Secure work area of leave site.	0800 Set up on UN-SB/5624.	Stend purge on 25'	crepth.
0859 Collect Sampk NN-SC24-35 0910 Set upon JWSB/SC23. Stort pringing (2 200ml /min.) 0922 Collect Sampk NN-SC23-5. 1017 Collect Sampk NN-SC23-5. 1017 Collect Sampk NN-SC23-75. 1100 Set up on JN-SB/SC22. Start pringing (2 200ml /min.) 1112 Collect Sample NW-SC22-5. 1145 Collect Sample NW-SC22-25. 1200 Collect Sample NW-SC22-25. 1230 Continue pringing (2 15' depth. Nacvum persistent () this depth. 1305 Collect Sample NW-SC20-5. 1438 Collect Sample NW-SC20-5. 1438 Collect Sample NW-SC20-15. 1530 Secure work area & Kare Sik.	0835 Collect Samph VN-SEZ	4-25.	
D910 Set up on Jw-SB/SG23. Stort priging Q 200ml/min. D922 Collect sample NW-SG23-5. D952 Collect sample NW-SG23-15. iD17 Collect sample NW-SG23-25. iD05 Collect sample NW-SG23-35. ID00 Set up on Jw-SB/SG22. Start priging Q 200ml/min. II12 Collect sample NW-SG22-25. I204 Collect sample NW-SG22-25. i230 Continue priging Q 15' depth. Vacuum persistent Q this depth. i260 Set up on UW-SB/SG20. Start priging Q 200ml/min. I2305 Collect sample NW-SB/SG20. I3305 Collect sample NW-SG20-15. IS30 Collect sample NW-SG20-35. IS30 Couve work avea & Icau sit.	0859 Collect sample SW-SC	-24-35	
1017 Collect sample VIV-SE23-15. 1017 Collect sample VIV-SE23-25. 1100 Set up on VIV-SB/SE22. Start prograg@ 200ml/min. 1112 Collect sample VIV-SE22-5. 1145 Collect sample VIV-SE22-25. 1200 Collect sample VIV-SE22-25. 1230 Continue prograg @ 15' deptn. Vacuum persistent @ This deptn. 13260 Set up on VIV-SB/SE20. Start prograg @ 200ml/min. 1305 Collect sample VIV-SE20-5. 1438 Collect sample VIV-SE20-35. 1530 Seeve work area & leave site.	0910 Set upon JW-58/5623.	. Start priging @ 200	out prin.
1017 Collect sample UN-SG23-25. 1100 Set up on UN-SB/SG22. Start purging @ 200ml /min. 1112 Collect sample UN-SG22-5. 1145 Collect sample UN-SG22-25. 1204 Collect sample UN-SG22-25. 1230 Continue purging @ 15'deptn. Vacrum persistent () this deptn. 12860 Set up on UN-SB/SG20. Start purging @ 200ml/min. 1305 Collect sample UN-SG20-5. 1438 Collect sample UN-SG20-15. 1530 Secure work area of leave site.	09 LC Collect sample IN-562	23-5.	,
1001 Set up on IN-SB/SG22. Start purging @ 200ml /min. 1112 Collect sample VW-SG22-5. 1145 Collect sample VW-SG22-25. 1204 Collect sample VW-SG22-25. 1230 Continue purging @ 15' depth. [Incrum persistent () this depth. 1260 Set up on W-SB/SG-20. Start purging @ 200ml/min. 1305 Collect sample VW-SG-20-15. 1438 Cellect sample VW-SG-20-15. 1503 Collect sample VW-SO20-35. 1530 Secure work area of leave sile.			
1100 Set up on IN-SB/SG22. Start purging @ 200ml /min. 1112 Collect sample VN-SG22-25. 1145 Collect sample VN-SG22-25. 1204 Collect sample VN-SG22-25. 1230 Continue purging @ 15' depth. (Jacvum persistent () this depth. 1260 Set up on VN-SB/SG20. Start purging @ 200ml/min. 1305 Collect sample VN-SG20-5. 1438 Collect sample VN-SG20-35. 1530 Secure work area & Icare sik.			
1112 Collect Sample UN-SCIZ-S. 1145 Collect Sample UN-SCIZ-ZS. 1200 Collect Sample UN-SCIZ-ZS. 1230 Continue progring Q. 15' deptn. Vacvum persistent Q this deptn. 1260 Set up on UN-SB/SCIO. Start progring Q. 200 ml/min. 1305 Collect Sample VN-SCIO-S. 1434 Collect Sample VN-SCIO-15. 1503 Collect Sample UN-SCIO-35. 1530 Secure work area & kare sik.			. 1 / .
1145 Collect sample UN-5622-25 1204 Collect sample UN-5622-25 1230 Continue prograg Q. 15' depth. (Acrum persistent () this depth. 1250 Set up on UN-58/5620. Start prograg Q. 200 ml/min. 1305 Collect sample UN-5620-5. 1438 Collect sample UN-5620-15. 1503 Collect sample UN-5020-35. 1530 Secure work area of leave site.	11/2 Callect somale (11)-50-77-6	- Start priging a con	uc/min.
1704 Collect sample Wiscritzs 1730 Centine purging @ 15' depth. (Jacvum persistent () This depth. 1730 Set up on Wiss 156-70. Start purging () 700ml/min. 17305 Collect sample VN-S6-70-15. 1737 Collect sample VN-S6-70-15. 17503 Collect sample VN-S0-70-35. 17530 Seevre work area of kare site.	1145 Collect sample UN -5C22-	25	24
1280 Centine pinging Q 15' depth. (Incrum persistent () this depth. 1260 Set up on UN-SB/SE-20. Start pringing () 200 ml/min. 1305 Collect sample IN-SE-20-5. 1438 Collect sample VN-SE-20-15. 1503 Collect sample VN-SE-20-35. 1530 Secure work area & heave site.	1204 Collect sample UN-SGZZ-	25	
depth. 1360 Set up on UN-SB/SE-20. Start pring Q 200 m/min. 1305 Collect Sample VN-SG-20-5. 1438 Collect Sample VN-SG-20-15. 1503 Collect Sample UN-SG-20-35. 1530 Secure work area & leave sik.	1230 Continue proging @ 15'0	tepto. Hacrum sessis	stent O this
1305 Collect Sample JW-SE-20-5. 1438 Collect Sample JW-SE-20-15. 1530 Scarre work area of Itary site.	depth.		
1305 Collect Sample JW-SE-20-5. 1438 Collect Sample JW-SE-20-15. 1530 Scarre work area of Itane Site.	1260 Set up on UN-SB/56-20.	Start proging @ 2001	me/min.
1530 Secure work area of heave site.	1305 Collect ampte UN-5620-5.		
Prepared by	1438 (olket sample VW-SEZO-15		
Prepared by:	1500 COIRCH Sample JW-SG2035.	*/	
Prepared by:	1300 Scovie work area of Icave,	51 R.	
Prepared by:			
Prepared by:	-		Min and a second
Prepared by:			
Prepared by:	8	- 124	
	Prenared by	Simoto	

G ilbane	Daily Activity Report (DAR)
Project Name: JERVIS WEBB	Page of
Project No./Task Code: J163007200	Date: 4-2-15
Description of Work: soil gas sampling	
Visitors / Subcontractors: HYP Geochemis My	
Weather: Am- GO° F. party Cloudy	
/Description of Field Activities	A Maria de Caración de Car A Caración de
0730 Arrive @ Reliable Steel facility.	
0745 HAP staff arrives. Corduct HAS	
0750 Set up on SW-SB/SG21. Start pringe 0823 Collect sample UN-SG21-35.	@ 200 ml/min.
* 0847 Collect somple VW-SGZI-5.	
13 0933 Collect sample VW-SCZ1-15.	1
0945 white water drawn up thing diving &	
interval. No sample will be collected	from this depth.
1004 Collect sample VW-Sezo-25.	
1100 Clean a secure work ance.	
1115 Ccave site. Pup samples for shipping.	
	The second secon
	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10
	~
	1
	- T
	9h./
	Sec. 92.
Prepared by: & Cillara Signature:	
DAR 031411	

MONITORING WELL WATER LEVEL MEASUREMENT FORM

Project Name and Location: Project No.: 163007200

Measured By: Saw (Blaim Tech) Date(s): 12-02-2016

Monitoring Well I.D.	Depth to NAPL (feet)	Depth to Water (feet)	Depth to Bottom (feet)	Time	Comments/ Observations
TWW W-0A	_	60.80	68.82	8:00	Reliable Steel
7WMW-05	-	61.30	69.0	8:20	Retiable Steel
TWMW-06A	_	62.36	70	9:00	Firestone
TWWW -06B	_	62.95	84	9:05	
JOO-WHWF.	_	64.21	98	9:10	
TWMW-07A	-	63.30	70	9:20	
TWWW-08B	_	63.37	84	9:25	
TWNW-086	-	66.17	65	9:30	
TWMW-08A	-	58.89	67	8-35	Rayo Ave
TWHW-08B	_	59.20	84)	8:40) [[]
TWHW-08C	_	68-21	122	8:42	\checkmark
TWHW-09A	_	60.79	68	8:05	Reliable Steel
TWWW-09B	_	61.77	87.3	8:08	
7WMW - 09C	_	62.7	99.7	8.10	
Juny-10	_	69.60	134.3	8:15	V
TWMW - 11A	_	61.21	68	1015	ELG
TWMW-11B	_	6153	90	1017	ELG
ZWNW - NC	_	68,35	90 128	1019	ELY
JWHW - 11C JWHW - 12	V	68.60	142.6	1045	ELG
					,





Project Name:	SPO) Je	vis Webb	Pro	ject No.:	116300	07200
Well No./ Location ID:	Juny-04	Tested	By: S 12		Dotos	29-16
Measuring Point Descri	ption:	TUC		Static `	Water Level (ft.):	60 82
Total Well Depth (ft.):	68.82	Screen Interval (fi	t.): 40-70	Sa	imple Depth (ft.):	65'
Water Level Measureme	ent Method:		Salmat			
Purge Method:	LowFlow		Sample	Method:	La Flow	,
Time Start Purge:	0744		Field Filter (micron):	1.0 / 0.45 / 0.1 /	Other:
Time End Purge:	0803		Time S	Sampled:	0804	
Volume Purged (L):	4.2	C	alculated Flow Rate	(L/min):	200 SP)	nin On a
Sample ID:	Jnw	-04				
Comments:						

	1						
Time	Temp. (°C)	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
0747	19,1	6.62	5.07	0.36	-9.6	819	60,89
0750	19.4	6,69	5,10	0,38	-26.9	631	60,89
0753	19.5	6.76	5,12	0.36	-37.4	651	60.89
0756	19.5	6,79	514	0,34	42.1	645	60.89
0759	19,5	6.80	5.16	0.33.	-449	640	60.89
0800	19,5	6.92	5.18	0.33	-46,8	636	60.89
0803	19.5	6.84	5 19	0.32	- 50.9	634	60.99
							**
							13,
Version 012314							



		_					
Project Name	: -	Pervis 4	1065	-	Project No.:	T16300	7200
Well No./ Lo	cation ID:	JUM -05	Tested	By: Sn		Date: 113	0/2016
	2						
Measuring Po	oint Description:		Toc		Static V	Water Level (ft.):	6131
Total Well De	epth (ft.): 6	1 00 S	creen Interval (ft	.): 40-70	Sa	mple Depth (ft.):	
Water Level N	Measurement M	ethod:	Elenist				
Purge Method	l:	LowFlow	- 2" Gand G	Sar	nple Method:	Law Fla	/
Time Start Pu	rge:	0706		Field Fi	lter (micron):	1.0 / 0.45 / 0.1 /	Other: Mon-e
Time End Pur	ge:	0739		Ti	me Sampled:	67411	
Volume Purge	ed (L):	9.91	, C	alculated Flow I	Rate (L/min):	, , , ,	0.3
Sample ID:	Sec	Jum	-05- 1111	1			
Comments:	1						THE PARTY OF THE P
		ms/m	so Jaken				
Time	Temp.	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
	0 1/	- 0 -	TOU	2		70.	

Time	Temp.	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
0709	20,4	7.35	5,24	0.39	1238	79	61,34
0712	20.9	7.24	5, 43	0.38	43,2	56	61,34
0715	21.3	7.18	5.51	0.37	4.8	48	61.34
0718	21,7	7.16	5.52	0.33	- 23,7	42	61.34
0721	2201	7.15	552	0.32	-40,2	38	6134
0724	22,3	7.14	5.52	0.28	-68.0	35	61,34
0727	22,5	7.14	552	0.27	-784	31	6134
0730	22.8	7.13	5,53	0, 25	-826	30	61.34
0733	229	7.13	5,53	0.24	-85,2	29	61.34
0736	23.0	7.13	5,54	0.23	-88.8	28	61.34
0739	230	7.13	5,54	0.22	-892	28	61,34
Version 012314							



Project Name	e:	Tervis L	Jebb		Project No.:	T16300	7200
Well No./ Lo	ocation ID:	พีนพ - 0	6A Tested	By: SL		Date: 12	-02-16
		4,					
_	oint Description:		Toc		Static W	ater Level (ft.):	62.38
Total Well D	epth (ft.):	b s	creen Interval (f	t.): 60-70	San	nple Depth (ft.):	66'
Water Level	Measurement M	ethod:		poliusf	· · · · · · · · · · · · · · · · · · ·		
Purge Method	d:	ow low	رر	Sa	mple Method:	Lowf	lou
Time Start Pu	ırge:	0402		Field F	ilter (micron):	1.0 / 0.45 / 0.1 /	Other: Nove
Time End Pur	rge:	0420		T	ime Sampled: _	04:	21
Volume Purg	ed (L):	4.2 43		Calculated Flow	Rate (L/min):	0.2 L/	unin
Sample ID:		TWMW-	-06A-11	16			
Comments:		Roth	en egg c	xlor ju	Jurged	water	
			11		1 1		
Time	T		FG	T 20	T		
Time	Temp.	pH	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
0402	20.9	7.50	4.89	1.64	-147.1	>1,000	62.66
0405	21.0	7.41	4.35	1.07	-140.6	631	62.67
0408	21.1	7.37	4.32	1.05	-136.4	600	62.60
0411	21-1	7.36	4.31	1.02	-132.6	583	62.68
0414	21.1	7.35	4.30	1.01	-129.9	576	62.68
0417	21.1	7.34	4.30	1.00	-128.8	570	62.68
0420	21.0	7.33	4.29	0.98	-128.1	568	62.68
and the second							
			1			1	



Project Name:	Jeru	is Webb	Pro	ject No.:	_T163	300 F	200
Well No./ Location ID	- JWWW-	06B Tes	ted By: SV		Date:	12-02	-16
	7						
Measuring Point Descr	iption:	Toc	,	Static `	Water Leve	el (ft.):	62.99
Total Well Depth (ft.):	84-13		1 (ft.): 79 - 84	Sa	ample Deptl	h (ft.):	821
Water Level Measurem	ent Method:	Soli	uss		,	1	
Purge Method:	Low	ow	Sample l	Method:	L	ow 1	low
Time Start Purge:	0308		Field Filter (r	nicron):	1.0 / 0.45	/ 0.1 / Ot	her: Noue
Time End Purge:	0320	(Time S	ampled:	03	130	
Volume Purged (L):	4.8	3 Lts	Calculated Flow Rate ((L/min):	0	.24/	wiy
Sample ID:	TWNW	-06B-1116				1	
Comments:	2 09	or Katter	299				

Temp. (°C)	рН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
20,8	7.44	4.52	0.27	-118.5	550	63.51
21.3	7.35	5.04	0.24	-158.6	583	63.51
21.6	7.33	5.09	0.23	-160.8	563	63.57
21.8	7.30	5.13	0.22	-162.9	55%	63.51
21.8	7.27	5.15	0.22	-164.0	555	63.51
21.9	7.25	5.16	0.22	-166.2	550	63-51
22.0	7,23	5.17	0.22	-167.0	546	63.5)
22.0	7,22	5.18	0.21	-167.7	542	63-51
	20.8 21.3 21.6 21.8 21.8 21.9 22.0	20.8 7.44 21.3 7.35 21.6 7.33 21.8 7.30 21.8 7.27 21.9 7.25 22.0 7.23	(°C) (mS/cm) 20.8 7.44 4.52 21.3 7.35 5.04 21.6 7.33 5.09 21.8 7.30 5.13 21.8 7.27 5.15 21.9 7.25 5.16 22.0 7.23 5.17	(°C) (mS/cm) (mg/L) 20.8 7.44 4.52 0.27 21.3 7.35 5.04 0.24 21.6 7.33 5.09 0.23 21.8 7.30 5.13 0.22 21.8 7.27 5.15 0.22 21.9 7.23 5.17 0.22	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$



Project Name:	Tervis	Webb	Proj	ject No.:	T163007200	
Well No./ Location ID:	JWHW-	O6 C Tested By	7: SL		Date: 12/02/20	16
Measuring Point Descri	ption:	Toc		Static V	Vater Level (ft.): 64.2	3
Total Well Depth (ft.):	98.18	Screen Interval (ft.):	112-122		mple Depth (ft.):	
Water Level Measurem	ent Method:	Solmost				
Purge Method:	Lan Flow-	2"6my65	Sample N	Method:	Low-Plan	
Time Start Purge:	0223		Field Filter (n	nicron):	1.0 / 0.45 / 0.1 / Other: NO	51
Time End Purge:	024	4	Time Sa		0245	
Volume Purged (L):	(Calc	culated Flow Rate (L/min):	0.3	
Sample ID:	TWMW	-06C-1116)			
Comments:	7					

						NAST -	
Time	Temp. (°C)	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
6226	198	7.88	1.56	0.49	-72,0	187	6434
6229	19.8	7.82	1.66	0.46.	-97.3	121	64.34
0232	20.1	7.46	1.66	0.47	-1039	115	6434
0235	20.3	7.42	1.67	046	-1086	112	6434
0238	20.4	7.40	1.67	0.45	-110.9	109	6434
0241	20.4	7.39	1.67	1.45	-112.6	111	6434
0244	20.4	7.38	1-67	0.44	-1130	109	6434
Version 012314							



Project Name:	Tervis	Webb	Proj	ect No.:	T1630072	200
Well No./ Location ID:	JWWW-0	7A Tested By:	SP		Date: (12)0	116
Measuring Point Descrip	otion:	TOC		Static V	Vater Level (ft.):	63.33
Total Well Depth (ft.):	7000	Screen Interval (ft.):	60-70	Saı	mple Depth (ft.):	66 67
Water Level Measureme		Sulmich	_		Θ	
Purge Method:	Low Flan-	QED Bludder Pu	Sample N	Method:	LowFlan	
Time Start Purge:	D1:0V		Field Filter (n		1.0 / 0.45 / 0.1 / Oth	ner: none
Time End Purge:	12122	_	Time Sa	ampled:	0123	9
Volume Purged (L):	40	Z Calcul	lated Flow Rate (L/min):	0.7-	
Sample ID:	TWMW -	-074-1116		_		
Comments:	7					

Time	Temp. (°C)	pH	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
0104	21.4	7.32	5.77	0.60	57.9	.662	6352
0107	21.4	7.24	585	066	-65.1	343	63.60
0110	21.4	7.22	5,88	0.60	-69.4	241	63.62
0113	21.4	7.21	591	0.58	-70.9	200	63.63
0116	21.4	7.20	5.93	057	-72.1	196	63.63
0119	21.4	7,20	594	0.55	-73,5	190	63,63
0122	21.4	7.19	5,94	0.54	-74.1	194	63.63
			7				
Version 012314							



Project Name:	Tervis Web	b	Project No.:	T163007200
Well No./ Location ID	TWUW-07B	Tested By: Sp	-	Date: 12/02/2016
	7			•
Measuring Point Descr	iption:	TOC	Static `	Water Level (ft.):
Total Well Depth (ft.):	Screen In	terval (ft.): 79-8	34 Sa	imple Depth (ft.): 97
Water Level Measurem	ent Method:	Edus St		
Purge Method:	ConFlow - 2"Gra	udfos s	ample Method:	Law Plan
Time Start Purge:	0005	Field I	Filter (micron):	1.0 / 0.45 / 0.1 / Other:
Time End Purge:	00:26		Time Sampled:	00:27
Volume Purged (L):	6.3	Calculated Flow	v Rate (L/min):	0.03
Sample ID:	TWWW-078 -	1116		
Comments:	7			

Time	Temp. (°C)	рН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
0000	20,0	7.53	1,94	0,48	-32,5	600	67.00
0011	20,2	7.48	1,96	0047	-55,5	448	6706
0014	20.5	7,44	1,96	0.45	-689	500	67.08
0017	20,5	7,42	1,96	0,44	-746	492	676
0020	20,6	7.39	(.96	0,44	79.2	486	67.11
0023	206	7.38	1496	0.44	-90,9	497	67.12
0026	20.6	7.37	1.96	0,44 -	-81.4	479	67.13
Version 012314							



Project Name:	Pervis	Webb	Proj	ect No.:	T163 00:	7200
Well No./ Location ID	JWWW-0:	7 C Tested By	572		Date: 12 0	2 2016
					•	
Measuring Point Descr	iption:	Toc		Static W	/ater Level (ft.):	66,25
Total Well Depth (ft.):	105.71	Screen Interval (ft.):	96-106	San	nple Depth (ft.):	101
Water Level Measurem	ent Method:	Schnist				
Purge Method:	Lawf	an - 2" Grantes	Sample N	Method:	Low Flow	
Time Start Purge:	EATT CO31	+2314		_	1.0 / 0.45 / 0.1 / 0	Other:
Time End Purge:	2375		Time Sa	ampled:	2336	
Volume Purged (L):	6.3	Calc	ulated Flow Rate (L/min):	0.3	
Sample ID:	JW WW -	07c -111	6	_	- 10 Table	
Comments:	Collecke	d Duplica	e as Tu	UMW	970-111	6
			7			

Time	Temp. (°C)	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1B17	20,1	8.34	1,78	0.99	-77,7	137	66,34
300 232V	2001	8,01	1079	0,95	- 921	127	66,34
2323	20.1	7.86	1079	0.94	-103.1	120	66.34
2326	201	742	(.80	0.94	-107.1	116	(da-34
2329	20:2	7.40	1.80	092	- 1086	114	66.34
2332	20,2	7.39	1.80	0.91	- lag 7	110	6634
2335	20,2	7.38	1.80	091 -	1096	1/2	Ge 34
	N _a						



Project Name:	Tervis Webb Project No.: T163007200
Well No./ Location ID	JWWW-08A Tested By: St Date: 11/30/2016
Measuring Point Descri Total Well Depth (ft.): Water Level Measuren	67.6 2 Screen Interval (ft.): 58-68 Sample Depth (ft.): 64
Purge Method:	Low Flow - 2 Grand & Sample Method: Low Flow
Time Start Purge:	12(<i>O</i> Field Filter (micron): 1.0 / 0.45 / 0.1 / Other: η <i>O</i> <i>O</i>
Time End Purge:	1243 Time Sampled: 1244
Volume Purged (L):	Calculated Flow Rate (L/min): 0,7
Sample ID:	J WMW-04-(116
Comments:	

Time	Temp. (°C)	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1213	23.1	7.33	3.08	1.20	-67.4	>(00()	59.15
1216	23,6	7.23	3.11	1.15	-77.0	2000	59,14
1219	24,2	7.16	3,13	1.11	-83.6	>(000)	59.14
1222	24.6	7,14	313	1.07	-91,4	838	59.14
1225	24.8	7.13	3.13	1001	-99.7	507	59.14
1228	25.0	7.11	3,13	0.97	-100.0	363	5914
1231	25.3	7.10	3.13	0.89	- 100 .1	155	5914
1234	25.6	7.10	313	0.86	- 100.1	95	5914
1237	25.8	7,10	313	0.85	- 1000	99	59.14
1240	25,8	7.10	3,13	0.84.	-1004	96	59.14
1243	25,9	7,10	3,13	084	-10004	94	59.14
				0 -			
Version 012314							



Project Name: Well No./ Location ID:	Jervis 4 Juni-08	B Tested By:	Project No.:	7163007200 Date: 11 30 2016	
	2			, ,	
Measuring Point Descrip	tion:	TOC	Static \	Water Level (ft.): 59 23	
Total Well Depth (ft.):	9,381 s	Screen Interval (ft.): 79.		ample Depth (ft.):	
Water Level Measureme		Selevist		0	
Purge Method:	Low Plan-	2" Govertos	Sample Method:	Low Clyn	
Time Start Purge:	@ 100	7 1024	Field Filter (micron):	1.0 / 0.45 / 0.1 / Other: nane	
Time End Purge:	1103		Time Sampled:	1104	
Volume Purged (L):	7.96	Calculate	d Flow Rate (L/min):	0.7.	
Sample ID:	TWHW-08	B-1116 as or	iriual and	JWWW-0988-116	00000
Comments:	3		0	January	, as tal
Od	w~ Rotte	n Egg			

Time	Temp. (°C)	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1027	22,3	7.43	3.08	0.16	-251.9	424	6431
1030	228	7.41	3,59	0016	-2968	235	6426
1033	23.3	7.38	3.99	0.15	-301.0	151	64.23
1036	23,7	7.35	364.11	0.14	-306.1	102	6421
1039	24.0	7.33	4.18	0.13	-309.4	47	6420
1042	24.2	7.29	4.22	0.13	-312.6	42	64.20
1045	24,4	7, 29	4.26	0.13	-313.2	36	64.20
1048	24,5	7.28	4.29	0.12	-313.8	32	6420
1051	24.7	7.27	4.31	0.12	-313.7	30	64,20
1054	24.5	7.26	4.33	011	-314,0	29	64,20
1057	24,9	7.25	4.34	0.11	-314,2	26	64,70
100	24,9	7-26	4.35	0.10	-314.5	25	64.20
1103	25.0	7.25	4.36	0,0	-314.9	25	64.20
Version 012314							



Project Nam	ie:	Tervis	Webb	Project No.:	T1631	007200		
Well No./ Lo	ocation ID:	WHW-E	08C Tested	Ву:	Sr	Date: 11 .	30 16	
Measuring P	oint Description	-	Toc	,	Static W	/ater Level (ft.):	68.29	
Total Well D	Depth (ft.):	2199 S	creen Interval (f	t.): 112-12	ZZ San	nple Depth (ft.):	117	
Water Level	Water Level Measurement Method: Salanis +							
Purge Method: La Flar - 2" Gantles					mple Method:	LowFlo	n	
Time Start P		0847		Field Fi	ilter (micron):	1.0 / 0.45 / 0.1 /	Other: non-	
Time End Pu	rge:	0940	1		ime Sampled:	09.45		
Volume Purg	ged (L):	17.1	C	Calculated Flow	Rate (L/min):	0.	3	
Sample ID:		Jumy-	080 - 11	16				
Comments:								
Oder ~ Rotten Egg								
Time	Temp.	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)	
0856	20.3	7.67	2.36	0.22	-80.2	>(001)	68,41	
0853	21.1	7.42	2,57	0.21	-96.2	>(000)	68.41	
0856	21.8	7.37	2.63	0.19	-112.6	> 1000	68,41	
6859	2201	7.25	2.65	0.18-	-114,5	>(000)	68.41	
0902	22.3	7.22	2.64	0.18	-113.9	> (000	68,41	
4905	22,5	7.17	2.64	0,17	-114.7	> (000)	68.41	
0908	22,7	7.15	2.61	0.16	-115.2	7600	68.41	
0911	22,9	7,15	2.62	0,15.	- 115.8	71000	6941	
0914	22.8	7,14	2.62	0.14 -	-116.2	536	68.41	
0917	22.8	7,12	2.62	0.13	-1170	420	6841	
0920	22,7	7012	2.63	0.12	-117.4	350	6841	
0923	22.8	7.12	2.63	0.12	-(17.7	296	6841	
0926	22,7	7,12	2.63		- (19.0	192	6841	
0929 Version 012314	22,7	712	2.63	0012	-1191	185	6841	



Project Name	Name: Project No.:						7200	
Well No./ Lo	cation ID: Jw	MW - 08C	Tested	By:	· · ·	Date: 114	30/16	
							0 119	
Measuring Po	oint Description:	-	T0/		Static W	ater Level (ft.):	6876	
Total Well D	epth (ft.):	2199 S	creen Interval (f	t.): //2~12	27 San	nple Depth (ft.):	117	
	Total Well Depth (ft.): 1299 Screen Interval (ft.): 1/2-127 Sample Depth (ft.): 1/7 Water Level Measurement Method:							
Purge Method	Purge Method: Low Flow - 24 Grand S Sample Method: Low Flow							
Time Start Pu		0847	0.0.0		lter (micron):	1.0 / 0.45 / 0.1 /	Other: Was	
Time End Pur	rge:	ogic	(Ti	me Sampled:	BAU	5	
Volume Purge	ed (L):	17.1	C	alculated Flow l	Rate (L/min):	03		
Sample ID:		1 m/s/ -0	78C -11/1		_	0,5		
Comments:		3/- WV						
Time	Temp. (°C)	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)	
0932	22.8	7.12	2,63	0.11	-1(8,4	139	68,41	
0935	22.9	7,12	2.63	0.11.	-119.6	171	68.41	
0938	22,9	7.12	2.63	0.11	-118.9	153	68.41	
0941	229	722	263	00(1	-1190	146	6841	
0944	229	711	2.63	0.11	-118.7	142	68.41	
			1.000					
Version 012314								



Project Name:	Tervi	s Webb	Pro	ject No.:	J1630	002500
Well No./ Location ID:	JAMM	- 09A Tested I	By: 5/2		Date:	28/2016
				-	*	•
Measuring Point Descri	iption:	Toc		Static V	Water Level (ft.):	6081
Total Well Depth (ft.):	67.52	Screen Interval (ft.): 63-68	Sa	mple Depth (ft.):	0
Water Level Measurem	ent Method:	Su	longst			
Purge Method:	how Flow		Sample 1	Method:	Low F	low
Time Start Purge:	121	"	Field Filter (1	nicron):		Other: Noue
Time End Purge:		144	Time S	ampled:	124	5
Volume Purged (L):	6	Ca	alculated Flow Rate	(L/min):	0,2	
Sample ID:	TWMW	-09A-111	6			
Comments:	~		on consistent (44 page) co. 2 - 14 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -			

Time	Temp. (°C)	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1217	224	7,20	5.04	0.32	50.2	=1000	6091
1220	22,6	718	5.36	0.21	-11.2	>1000	6091
1223	23,4	7.16	5,42	0,21	-49.6	>1000	6091
1226	23,5	7.15	5,46	0.20	-56.9	7 (000)	6091
1229	23.8	7.15	5.52	0.20	-63.4	496	60,91
1232	24.1	7.13	5.56	0.20	-66 4	400	60,91
1235	24.3	7,12	559	0.20	-694	420	6091
1238	24,5	7.11	5,61	0.20.	-72.8	415	6091
1241	24.5	7.11	563	0.20 -	-73,5	402	6091
1244	24,5	7,10	5 64	0.19	-742	396	6091
			•				
Version 012314							



Project Name:	Tarvis	Webb	Proj	ect No.:	T16300:	7200
Well No./ Location ID:	TWMW-C	Tested By:	SR		Date: 11/21	3/2016
	2				l	l .
Measuring Point Descrip	otion:	Toc		Static V	Water Level (ft.):	6171
Total Well Depth (ft.):	87,32	Screen Interval (ft.):	83-88	Sai	mple Depth (ft.):	851
Water Level Measureme	ent Method:	Solinst			-	
Purge Method:	Low flow	(grandfos)	Sample N	Method:	Low floy	J
Time Start Purge:	1043 HH3	<u> </u>	Field Filter (n	nicron):	1.0 / 0.45 / 0.1 / 0	Other:
Time End Purge:	1107		Time Sa	ampled:	1108	
Volume Purged (L):	4.91	Calcu	ulated Flow Rate (L/min):	0.7	
Sample ID:	TWMU	1-09B		-		
Comments:	\					
_				***************************************		

Time	Temp.	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1046	220	8,06	1.83	0.97	460	616	6191
1049	22.7	7.61	1.77	0.16	123	335	6192
1052	22.8	7.49	1,74	0.13	-1.5	156	61.92
1055	22.9	7.42	1.71	0.12	-7.0	49	6192
w58	23.0	7,40	1.71	0.11	- 10.9	22	61.92
1101	23 1	7.38	1.71	0.10	-13.9	17	6692
1104	23.1	7.36	L.7 (0,10	-15,0	17	61.92
1107	23.2	7,35	1.70	0.10.	- 16.7	17	6692
			,			,	
							,
Version 012314							



Project Name:	Tervis	Webb	P	roject No.:	116300=	1200
Well No./ Location ID		9C Test	ted By: SR		Date: 11 2	8 2016
	~					
Measuring Point Descr	ription:	TOC		Static V	Water Level (ft.):	62 73
Total Well Depth (ft.):	99.71	Screen Interval	(ft.): 95 - 100	Sa	mple Depth (ft.):	97.5
Water Level Measurem	nent Method:		Solinist			
Purge Method:	Grundfos	Pump		e Method:	Low Flow	N
Time Start Purge:	Dost o		Field Filter	(micron):	1.0 / 0.45 / 0.1 / (Other: No
Time End Purge:	1012	-	Time	Sampled:	1013	
Volume Purged (L):	4.2		Calculated Flow Rat	e (L/min):	0.2	
Sample ID:	TWMW	-09C				
Comments:	7 %	ten Egg a	dur			

Time	Temp.	рН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
0954	21.0	7.38	1.57	0.27	-41.9	3498	6291
0957	22.0	7.30	1.62	0.24	- 86,0	44	62.92
1000	22-1	7.28	1.65	0,20	- 90,0	38	6292
1003	22.6	7.27	1,66	0.19	- 93 40	26 26	6292
1006	22,7	7.27	1.66	0,19	-95.2	25	62.92
1000	227	7.27	1,66	0218	-970	24	6292
1012	22.7	7.27	1.66	0.18	-981	24	6292
						4-	
Version 012314							



Project Name:	Tervi	1 Wabb	Pro	ject No.:	J16300	7200
Well No./ Location ID:	JWHW-	Test	ted By: SR		Date: 11 2	2016
						-
Measuring Point Descr	iption:	TOC		Static '	Water Level (ft.):	69.63
Total Well Depth (ft.):	134.32	Screen Interval	(ft.): 130 ~ 135	Sa	imple Depth (ft.):	1325
Water Level Measurem	ent Method:		Solinist	_		
Purge Method:	Low Flow			Method:	LowFlen	
Time Start Purge:	0841		Field Filter (micron):	1.0 / 0.45 / 0.1 / 0	Other:
Time End Purge:	0914		Time S	Sampled:	0914	
Volume Purged (L):	6		Calculated Flow Rate	(L/min):	0.2	
Sample ID:	Juny	- lo				
Comments:	Rotto	Egg Odar				
		47				

Time	Temp.	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
0844	20,4	7.62	Q 1.57	0.35	-12.8	994	6272
0847	20.6	7.41	1059	0.33	-39.3	> 1000	69.72
0850	208	7.32	1.62	0,26	-47.8	856	69.72
0853	21.4	7,27	1,61	0,24	- 49.8	270	69.72
0859	21,6	7.25	1.61	0.22	-494	190	69.72
0901	21.7	7.25	1,61	021 -	48.9	88	69.72
0904	21.8	7.25	661	0.21	- 489	1/	69.72
0907	219	7.24	1.60	6,20	-49.1	10	69.72
090	2109	7.24	1.59	0,19	-49.9	10	69.72
0913	21,9	7.24	1.60	0.19	-501	(1)	6972
						0	
Version 012314			6				

Page 1 of 2

Project Name:	Tervis	Webb	Pro	ject No.:	J163007	200
Well No./ Location ID:	JWMW-	Tested By	SP		Date: 11 20	9/2016
Measuring Point Descri	ption:	Toc		Static	Water Level (ft.):	61.25
Total Well Depth (ft.):	6791	Screen Interval (ft.):	59-69	Sa	ample Depth (ft.):	65'
Water Level Measurem	ent Method:	Soline	4	<u>.</u>		
Purge Method:	Low	low - QED BLAGE	Sample	Method:	Low.	flow
Time Start Purge:	1265	1153	Sample Sample Field Filter (1	nicron):	1.0 / 0.45 / 0.1 /	Other: Nove
Time End Purge:	12	47	Time S	ampled:	1248	
Volume Purged (L):	0.0	Calc	culated Flow Rate	(L/min):	0.2	
Sample ID:	.lw	MW-11A-11	116			
Comments:			V			
=======================================				7		

Time	Temp.	pH	EC	DO	ORP	Turbidity	DTW
	(°C)		(mS/cm)	(mg/L)	(mV)	(NTU)	(ft.)
1256	20.0	7.73	3.27	0.56	-6.0	> 1000	6623
1159	20.0	7,56	3.29	0.45	- 18.9	>1000	6123
1202	20,0	7.44	3,30	0.38	-30.8	> 4000	61.23
1205	20.0	7.41	3,33	0,34	-40,8	>1000	61,23
1208	20.0	7.37	3,35	0,33	-47.8	> (000)	61,23
1211	20.0	7.31	3,38	0.31-	- 55,8	> 1000	61,23
1214	20.0	7.26	3.39	0.28	-60,7	864	61.23
1217	20.0	7.23	3,39	0.28	-62.8	758	61.23
1220	20,0	7.21	3.40	0.27	-64.5	549	61,23
1223	20,0	7.20	3.41	0.26	-665	337	61,23
1226	20,0	7.19	3.42	0.24.	-67.6	263	61.23
1229	20.0	7.18	3.43	0.24.	-68.1	216	61.23
1232	20,0	7.17	3.43	0.23	-69.0	177	61,23
1235 Version 012314	20,0	7.16	3,43	0021	-69.5	138	61.23



Project Name	e: 	Jerus Well Project No.: 163007200							
Well No./ Lo	cation ID:	Jumw-11	A Tested	By: Sr			9/2016		

Measuring Po	oint Description:		Too		Static W	ater Level (ft.):	61.21		
Total Well De	()	7.0	creen Interval (fi	t.): <u>5969</u>	Sam	ple Depth (ft.):	65'		
Water Level Measurement Method:									
Purge Method: Low Flow - QED Bladder lamp Sample Method: Low Flow									
Time Start Pu		1/5				1.0 / 0.45 / 0.1 /	Other: non-e		
Time End Pur		1297			ime Sampled:	1248			
Volume Purge Sample ID:	ed (L):	10.0		Calculated Flow	Rate (L/min): —	0.6			
Comments:		Junu-	11A -	1116					
Comments.	_					****			
	35,000								
Time	Temp. (°C)	рН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)		
1238	20.1	7.15	3,44	0.18	-70.5 +060	106	61,23		
1241	20.1	7.15	3 44	0.17	-71.0	80	6623		
1244	20.1	7.14	3,44	0.16	-71.4	163	61,23		
1247	20.1	7.14	3.44	0.15	720	84	61.23		
1248	Sample	Gliected	De (Cliants	Rayrest				
	,		,						
					, i =				
Version 012314									



Project Name	<u> </u>	Tervis	Webb		Project No.:	T16300:	7200
Well No./ Loo	cation ID:	inu-a	1B Tested	By:	<u> </u>	Date: 11 2	9/2016

Measuring Po	int Description:		TOC		Static W	ater Level (ft.):	8 615
Total Well De	pth (ft.):	992	Screen Interval (fi	1.): 80-9	O San	nple Depth (ft.):	6153.9
Water Level N	leasurement M	ethod:	5.1	enest			8
Purge Method	:	Low Flow	-2" Gruns		nple Method:	Low Flo	la /
Time Start Pur	ge:	1020	•		lter (micron):	1.0 / 0.45 / 0.1 /	
Time End Pur	ge:	1102		Ti	me Sampled:	110	,3
Volume Purge	d (L):	12	6 c	alculated Flow I	Rate (L/min):	0.3	
Sample ID:		Twuw	-4B-111	.6	_		
Comments:		Duplica			TWMW	-911B-1	1116
Odo	r ~ Rother			-	7		
Time	Temp.	pН	EC	DO	ORP	Turbidity	DTW

Time		TT	FC	20			1
Time	Temp.	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
	2.0	701	- C		 		
1023	21,2	7.3	5.09	0.27	-45.4	>1000	61.72
1026	21.6	7,27	5.10	0021	-489	> (000)	6172
1029	21.9	7.22	5.19	0.22	-62 _d	>1000	61.72
1032	22.1	7.17	5.22	. 0.22	-67.9	>1000	61.72
1035	22,2	7.12	5,24	0.22	-70.8	928	6172
1038	22,1	7.11	5 24	0.21	-742	348	6172
1041	22,0	7.09	5.25	0.20	-76.4	131	6172
wyy	22.1	7,08	5.27	0.19	-77.0	115	6172
1047	22.1	7.07	5.28	0,19	-774	92	6172
1050	22,0	7,06	5,29	0.19	-77.6	83	61.72
1053	22.2	7.06	5.31	0,19	-77.9	52	61.72
1056	22.3	7.05	5.32	0,18	-782	49	61.72
1059	22.3	7.05	5,32	0.18	-79.0	47	61.72
Version 012314	22.3	7.05	5.33	0.18	-79.3	46	61.72





Project Name:	Jervis We	.bb	Project No.:	_T16300	7200
Well No./ Location ID:	JWWW-11	C Tested By:	SA	Date: 11/20	7/2016
Measuring Point Descr	iption:	Toc	Static	Water Level (ft.):	68.35
Total Well Depth (ft.):	12854 Scre	en Interval (ft.):	-128 Sa	ample Depth (ft.):	123
Water Level Measurem	ent Method:	Solinst			
Purge Method:	Grand jos		Sample Method:	Low lo	ω
Time Start Purge:	0850	F	ield Filter (micron):	1.0 / 0.45 / 0.1 / Otl	her: Vou
Time End Purge:	0926		Time Sampled:	0927	
Volume Purged (L):	10	S Calculated	Flow Rate (L/min):	0.3	
Sample ID:	JWMW-11C				
Comments:	Odor~	Rotten Egg			

	,	1		7			
Time	Temp. (°C)	pH	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
0853	192	7,41	3.86	0.33	207	383	68,49
0856	19.4	7.38	3.90	0.30	10,3	293	68 49
0859	19.4	7.30	3.97	0,28	- 11	236	6949
0902	19.8	7.24	4.06	0.29.	-296	192	68 49
0905	20.1	7.20	4.06	0.27	-46.2	174	68.49
0908	20,3	7.19	407	0.27	-55,8	134	69.49
0911	20.6	7.18	4,07	0.27	-64.7	9120	68.49
0914	20.8	7.17	407	0.27	-69.0	52	6849
0917	209	7.16	407	0.26	-760	38	68,49
0920	21.0	7.16	4.07	0.25	-72.5	27	68.49
0923	21.1	7015	407	0.23.	-735	27	68.49
0926	2121	7.15	4.08	0.22	-74.0	27	68.49
0929							
					20		
Version 012314							



Project Name:	Jervis	Webb	Pro	ject No.:	71630	07200
Well No./ Location ID:	TWHW -	12 Tested B	y: Si		Date: 11 2	9 2016
	7				1	ı
Measuring Point Descri	ption:	Toc		Static '	Water Level (ft.):	6861
Total Well Depth (ft.):	142 63	Screen Interval (ft.)	138-143	Sa	mple Depth (ft.):	141
Water Level Measurem	ent Method:	Solmist				
Purge Method:	Low Flow -	2" Grandfas	Sample	Method:	LowFlow	
Time Start Purge:	0733	5	Field Filter (1	nicron):	1.0 / 0.45 / 0.1 / 0	Other:
Time End Purge:	0810		Time S	ampled:	0811	
Volume Purged (L):	10.9	3 Cal	culated Flow Rate	(L/min):	0.2	
Sample ID:	TWMW-	12-1116			J .	
Comments:	7					

Time	Temp.	pH	EC	DO	ORP	Turbidity	DTW
	(°C)		(mS/cm)	(mg/L)	(mV)	(NTU)	(ft.)
6738	17.4	7.92	4.28	0,52	164,0	>1000	68.74
0746	17.6	7.96	4.29	0.27	1609	7000	68,74
0744	18.0	7.74	4.31	0.26	157.3	966	6874
0747	18.2	7.67	4.32	0.26	155.8	474	6874
0750	18.2	7, 49	4.32	0.27	152.8	155	68.74
0753	19.4	7,42	4.33	0.26	150,0	76	6874
0756	18.5	7.39	4.33	0,25	147.2	43	68.74
0759	19.6	7.38	434	0.25	9143.9	29	68.74
0801	18.7	7,38	4.34	0.25	140.8	25	6874
0804	18.7	7.38	4.34	0.25	139.5	23	6874
0807	18.7	7.38	4.34	0.25	138.6	22	68.74
0810	18.7	7.38	4.34	0.75	137.2	22	6874
							7
Version 012314							

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MONITORING WELL WATER LEVEL MEASUREMENT FORM

Project Name and Location: Superfield Site Project No.: 516

Measured By: Llong and Rull (Blain Tech)

Date(s): 5

Project No.: 163007200

2017

Monitoring Well I.D.	Depth to NAPL (feet)	Depth to Water (feet)	Depth to Bottom (feet)	Time	Comments/ Observations
TWMW-01	0	61.49	70	2:00 R	955
JWWW -02	0	61:15	68.5	1007	
JWMW-03	0	60.22	68	7.57 K	745
JWMW-04	0	61.47	67	9:24	Broken Well box
TWNW-05	0	61.68	68.3	9:30	Broken will took
TWMW-06A	0	62.89	69.5	11:30	
JWMW-06B	0	63.62	85	11:32	
JWMW-06C	0	64.70	122	11:35	
JWHW-07A	0	64.10	70	11:47	
JWHW-08B	0	64.30	99.5'	11:51	
JWWW-07C	0	66.88	105.8	11:58	
JWWW -08A	0	59.59	67.8	9:20	RAYO AVE
JWNW-08B	0	60.48	84.2	9:18	1
JWWW-086	0	68.69	117,4	9:15	Ţ
JWMW-09A	0	61.58	67.8	9:00	RELIABLE YARD
JWNW-09B	0	62.45	84.3	8:57	1
JWMW-09C	0	63.38	99.1	8:55	
JWHW-10	0	70.01	134.8	8:60	J
			4 Not a	osed	
			(

MONITORING WELL WATER LEVEL MEASUREMENT FORM

Project Name and Location: Jervis Webb Super and Site Project No.:

Measured By: R. Leong and Phil (Blain)

Date(s): 5 | 5 | 2017

Monitoring Well I.D.	Depth to NAPL (feet)	Depth to Water (feet)	Depth to Bottom (feet)	Time	Comments/ Observations
JWWWIIA	0	61.88	69	8:10	ELG food
JWHWIIB	0	62.15	88.9	8:08	
JWMW 11C	0 6	8.87	2/27.5	8:05	
JWWW 12	0	69,92	143.1	7:55	<u> </u>
JWWW 13A	0	64.95	70.4	7:12	New well.
JWWW 13B	0 60	,90g1.95M	199.5	7:15	
JWWW 13C	0	67.46	128	7:20	Vat Bell founday



Project Name:	Tervis Webb Superfund Site Project No.: T163007200	
Well No./ Location ID:	JUMW-01 Tested By: Blaine Tech Date: 05/04/17	
Measuring Point Descrip	ion: Top of Casiua Static Water Level (ft.): (1.5)	
Total Well Depth (ft.):	Screen Interval (ft.): 40 - 70 Sample Depth (ft.): 65	
Water Level Measureme	t Method: Solinst	
Purge Method:	Sample Method: Low Sow	
Time Start Purge:	Field Filter (micron): 1.0/0.45/0.1/Other:	~
Time End Purge:	1145 Time Sampled: 1146	
Volume Purged (L):	Calculated Flow Rate (L/min): 400ml/min	
Sample ID:	TWUW-01-0517 @ 1146	
Comments:	Twny-91-0517 @ 1156 (duplicate)	

Tames		FO	700	1 000		7
(°C)	pn	(mS/cm)	(mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
22.9	7.42	4.09	0.59	-11.2	92	61.58
23.2	7.40	4.14	0.56	-11.9	77	61.58
24.8	7.34	4.33	0.78	-12.Z	39	61.58
24.9	7.34	4.35	0.88	-1Z.6	28	61.58
25.2	7.33	4.36	0.92	-12.9		61.98
25.4	7.32	4.37	0-96	-13.2	ZZ	61.58
	22.9 23.2 24.8 24.9 25.2	22.9 7.42 23.2 7.40 24.8 7.34 24.9 7.34 25.2 7.33	(°C) (mS/cm) 22.9 7.42 4.09 23.2 7.40 4.14 24.8 7.34 4.33 24.9 7.34 4.35 25.2 7.33 4.36	(°C) (mS/cm) (mg/L) 22.9 7.42 4.09 0.59 23.2 7.40 4.14 0.56 24.8 7.34 4.33 0.78 24.9 7.34 4.35 6.88 25.2 7.33 4.36 0.92	(°C) (mS/cm) (mg/L) (mV) 22.9 7.42 4.09 0.59 -11.2 23.2 7.40 4.14 0.56 -11.9 24.8 7.34 4.33 0.78 -12.2 24.9 7.34 4.35 6.88 -12.6 25.2 7.33 4.36 0.92 -12.9	(°C) (mS/cm) (mg/L) (mV) (NTU) 22.9 7.42 4.09 0.59 -11.2 92 23.2 7.40 4.14 0.56 -11.9 77 24.8 7.34 4.33 0.78 -12.2 39 24.9 7.34 4.35 0.88 -12.6 28 25.2 7.33 4.36 0.92 -12.9 26



Project Name:	Tervis Webb Superfund Sike Project No.:
Well No./ Location ID	
Measuring Point Descr	State Water Edver (1.1.)
Total Well Depth (ft.):	
Water Level Measurem	nent Method: Soliust
Purge Method:	Low low low Sample Method: Low low
Time Start Purge:	13 5 Field Filter (micron): 1.0 / 0.45 / 0.1 / Other: Now
Time End Purge:	1336 Time Sampled: 1337
Volume Purged (L):	6.3L Calculated Flow Rate (L/min): 300 ml/min
Sample ID:	TWWW-02-05/7
Comments:	0

Time	Temp. (°C)	рН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1318	23.2	7.65	3.56	0.75	-90.3	104	61.31
1321	23.3	7.49	3.71	0.64	-101.0	42	61.31
1324	24.0	7.44	3.73	0.62	-107.5	13	61.32
1327	24.7	7.38	3.82	0.58	-112.5	12	61.32
1330	25.0	7.37	3.81	0.57	-117.5	12	61.37
1333	25.1	7.37	3-81	0.57	-119.3	12	61.32
1336	25.0	7.36	3.80	0.56	-120-7	11	61.32
Version 012314							



Tervis Webb Superfund Site Project No.: T163007200 J TWHW-03 Tested By: Blaine Tech Date: 05 04 2 Project Name: Well No./ Location ID: Measuring Point Description: Static Water Level (ft.): 60.1 Total Well Depth (ft.): Sample Depth (ft.): 65 Soliust Water Level Measurement Method: Purge Method: Sample Method: Time Start Purge: Field Filter (micron): -1.0/0.45/0.1/Other. Nov. Time End Purge: Time Sampled: 125 Calculated Flow Rate (L/min): 500 ml Volume Purged (L): -0517 Sample ID:

Comments:

Time	Temp.	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1235	25.0	7.50	7.14	0.54	15.4	337	60.33
1238	24.9	7.37	7.09	0.52	12.5	175	60.33
1241	25.5	7.32	7.24	0.51	10.7	124	60.33
1244	26.6	7.26	7.34	0.83	6.4	112	60.33
1247	26.8	7.26	7.39	0.85	6.0	110	60.33
1250	26.8	7.25	7.39	0.85	5.5	107	60.33
			(3)-				
ersion 012314			1420				



Project Name:	Tervis	Webb Super	rund Site Pro	oject No.:	T1630	07200
Well No./ Location ID:		N-04 Tested	By: Blaine Ter	eli	Date: 05	01 2017
						. ,
Measuring Point Descri	iption:	top of Casi	ug	Static W	Vater Level (ft	61.50
Total Well Depth (ft.):	70	Screen Interval (ft	:): 40-70	Sar	nple Depth (ft): 60°
Water Level Measurem	ent Method:	Soliust				
Purge Method:	Low low/	pum b	Sample	Method:	Low Sto	W
Time Start Purge:	1313	1 1	Field Filter (micron):	1.0 / 0.45 / 0.1	/Other:
Time End Purge:	1334		Time S	Sampled:	1335	
Volume Purged (L):	3.5L	C	alculated Flow Rate	(L/min): _	500ml	lmin
Sample ID:	TWMW	-04-051	7			
Comments:	7					

Time	Temp.	pH	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1316	73.6	7.36	4.40	2.52	-62.6	313	61.50
1319	24.4	7.29	4.71	1.96	-66.5	191	61.55
1322	25.3	7.26	4.88	1.83	-68.2	9,6	61.58
1325	z5. 9	7.22	5.09	1.59	-72.0	94	61.58
1328	26.4	7.20	5.11	1.54	-79.0	93	61.58
1331	26.4	7.20	5.19	1.53	-80.0	93	61.58
1334	26.4	7.20	5.13	1.53	-80.3	92	61.58
Version 012314							



Project Name:	Tervis Webb Superfund Site Project No.: T163007200	
Well No./ Location ID		
Measuring Point Descr	51.1	
Total Well Depth (ft.):	Screen Interval (ft.): 40-70 Sample Depth (ft.):	
Water Level Measurem	ent Method: Soliust	
Purge Method:	Low low bumb Sample Method: Low low	
Time Start Purge:	1400 Field Filter (micron): -1.0 / 0.45 / 0.1 / Other: N	Due_
Time End Purge:	1419 Time Sampled: 1420	
Volume Purged (L):	3.0L Calculated Flow Rate (L/min): 500ml/min	
Sample ID:	JWMW-05-0517	
Comments:		

Time	Temp.	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1403	24.7	7.69	5.66	1.5/	-95-8	283	61.7]
1467	24.3	7.44	5.53	0.72	-98.8	154	61.72
1410	Z5. 3	7.37	5.77	0.63	-105.0	98	61.72
1413	25.5	7.33	5.79	0.59	-110.3	66	61.72
1416	25.7	7.32	5.80	0.54	-112. 7	66	61.72
1419	25.7	7.32	5.82	0.58	-117.8	65	61.72
				7			,
Version 012314							



Project Name:	Tervis	Webt Superfu	ud Site Projec	ct No.:	3007200
Well No./ Location ID	· UTWA	W-06A Tested By:	Blaine Tech	Date:	15 03 2017
					1 1
Measuring Point Descri	ription:	Top of Casing		Static Water Leve	1 (ft.): 62.90
Total Well Depth (ft.):	_ 20 '	Screen Interval (ft.):	60-70	Sample Depth	n (ft.): 65°
Water Level Measuren	nent Method:	Soliust	,		
Purge Method:	Low low	pum b	Sample Me	ethod: Low	low
Time Start Purge:	1319		Field Filter (mi	cron): _1.0 / 0.45	0.17 Other: Now
Time End Purge:	1337		Time Sam	npled: 1338	\$
Volume Purged (L):		Calcu	lated Flow Rate (L/	/min): Z00	ul/min
Sample ID:	TWMW	-064-0512	}		
Comments:	7				
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	T	T	7				
Time	Temp.	pH	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1322	25.6	7.52	4.38	0.63	-86.4	71000	63.47
1325	25.5	7.39	4.21	0.67	-87.5	71000	63.51
1378	26.0	7.37	4.33	0.75	-87.8	>1000	63.51
1331	27.0	7.34	4.43	1.01	-87.4	892	63.5
1334	27.7	7.32	4.47	1.26	-87.4	646	63.51
1337	27.7	7.32	4.47	1.26	-87.5	625	63.51
1							
Version 012314							

Version 012314



Project Name:	Tervis	Webb Supern	end Site Proj	ect No.:	T163	0072	200
Well No./ Location ID:	YTWHI		: Blaine Tec	h	Date: 0	A	117
	7					1	
Measuring Point Descri	iption:	Top of Casiva	9	Static V	Vater Level	(ft.): 63	5.60
Total Well Depth (ft.):	85	Screen Interval (ft.):	179-84	Sar	nple Depth	(ft.):	82
Water Level Measurem	ent Method:	Soliust					
Purge Method:	Low low/	Dump	Sample N	/lethod:	Low	low	
Time Start Purge:	1736		Field Filter (m	nicron):	1.0 / 0.45 /	0.1 / Oth	TI Noue
Time End Purge:	1254		Time Sa	impled:	1255		
Volume Purged (L):		Calc	ulated Flow Rate (I	L/min):	450 m	11mi	Λ
Sample ID:	TWA	1W-06B-	0517			1	
Comments:	7						

Time	Temp.	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1239	24.5	7.49	4.50	2.3/	-147.2	925	63.72
1242	25.3	7.36	4.95	1.96	-139.0	21000	63.72
1745	26. 1	7.25	5.10	1.70	-118.3	176	63.72
1248	26.9	7.25	3.10	1.81	-116.9	78	63.72
1251	Z7. 1	7.24	5.17	1.86	-114.5	62	63.72
1254	27.1	7.23	5.12	1.86	-113.7	58	63.72
	- 1						
			9				



Project Name:	Tervis Webb Superfund Sik Project No.:
Well No./ Location ID:	
	7
Measuring Point Descri	iption: Lop of Casiua Static Water Level (ft.): 64.71
Total Well Depth (ft.):	122 Screen Interval (ft.):
Water Level Measurem	ent Method: Soliust
Purge Method:	Low low bump Sample Method: Low low
Time Start Purge:	1206 Field Filter (micron): -1.0/0.45/0.1/Other: Noue
Time End Purge:	1223 Time Sampled: 1224
Volume Purged (L):	Calculated Flow Rate (L/min): 500 ml min
Sample ID:	TWWW-06C-0517
Comments:	7
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Time	T			T			
Time	Temp.	pH	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1211	25.4	7.71	1.38	1.52	-153.4	36	64.82
1214	24.4	7-58	1.43	1.13	-162.6	18	64.82
1217	25.8	7.52	1.50	1.08	-164.0	9	64.82
1220	25.8	7.51	1.50	1.07	-167.8	9	64.87
1223	75.6	7.51	1.51	1.07	-167.0	8	64.82
Version 012314						,	,



Project Name:	Jervis Webb Superfund Sik Project No.: J163007200 Jone - 074 Tested By: Blaine Tech Date: 05/03/2017
Well No./ Location ID:	June -074 Tested By: Blaine Tech Date: 05/03/2017
Measuring Point Descri	ption: Top of Casiua Static Water Level (ft.): 64.00
Total Well Depth (ft.):	Screen Interval (ft.): 160-70 Sample Depth (ft.): 65'
Water Level Measurem	ent Method: Soliust
Purge Method:	Low low bumb Sample Method: Low low
Time Start Purge:	Field Filter (micron): 1.0 / 0.45 / 0.1 / Other: Now
Time End Purge:	113 \ Time Sampled: 1132
Volume Purged (L):	Calculated Flow Rate (L/min): 200ml Wi V
Sample ID:	TWHW-07A-0517
Comments:	2
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F				Y			
Time	Temp.	pH	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1119	27.2	7.42	5.99	7.88	-73.7	805	64.40
1122	29.4	7.35	6.11	2.89	-72.7	754	64.41
1125	27.2	7.32	6.15	2.67	-73.5	67	64.41
1128	26.9	7.31	6.19	2.58	-72.8	870	64.41)
1131	26.6	7.31	6.17	2.58	-72.3	725	6441
Version 012314							



Project Name:	Tervis Webb Supe	rund Sik Project No.:	T163007200
Well No./ Location ID:	VTWHW-07B Teste	1 01	ate: 05 03 2017
Measuring Point Descrip	40 0 00 000	Static Wate	er Level (ft.): 64.3
Total Well Depth (ft.):	Screen Interval	(ft.): 90-100 Sample	e Depth (ft.): 951
Water Level Measureme	ent Method: Soliust		-
Purge Method:	Low low pump	Sample Method:	ow low
Time Start Purge:	1025	Field Filter (micron): -1.0	/0.45/0.1/Other: Nove
Time End Purge:	1049	Time Sampled:	50
Volume Purged (L):		Calculated Flow Rate (L/min): 4	50m1 min
Sample ID:	TWMW-07B	-0517	
Comments:	7		

Time	Temp. (°C)	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1028	24.7	7.41	1.79	1.92	-100.1	862	64.37
1031	24.7	7.46	1.78	1.89	-108.6	590	64.37
1034	25.1	7.42	1.78	1.78	-116.0	418	64.37
1037	26.1	7.39	1.82	1.68	-115.6	758	64.39
1040	26.6	7.38	1.86	1.54	-113.5	151	64.39
1043	27. 2	7.37	1.88	1.38	-111.2	64	64.40
1046	27.6	7.37	1.89	1.38	-107.6	62	64.40
1049	27.7	7.36	1.90	1.42	-106-9	62	64.40
					•		
Version 017314						a	



Project Name:	Tervis	Webb Super	rund Site Pro	ject No.:	T16300	7200
Well No./ Location ID:	J TWWW	1-07C Tested	By: Blaine Tee	h	Date: 05	03 2017
	~) '
Measuring Point Descri	ption:	Top of Casi	iug	Static V	Water Level (ft.)	66.91
Total Well Depth (ft.):	106'	Screen Interval (1	t.): 196-106	Sa	mple Depth (ft.)	101
Water Level Measurem	ent Method:	Solinst				
Purge Method:	Low low/	Dumb	Sample	Method:	Low for	V
Time Start Purge:	0945	2	Field Filter (1	micron):	1.0 / 0.45 / 0.1	Other: Now
Time End Purge:	1006		Time S	ampled:	1004	
Volume Purged (L):	17.000 Marie 17.00		Calculated Flow Rate ((L/min):	500ml	min
Sample ID:	TWM	w - 07C	-0517	-		100000000000000000000000000000000000000
Comments:)					

Time	Temp.	pH	EC	DO	ORP	Turbidity	DTW
	(°C)		(mS/cm)	(mg/L)	(mV)	(NTU)	(ft.)
0948	23.6	7.79	1.68	1.57	-97.8	71000	67.02
0951	23.5	7.07	1.69	0.60	-110.7	836	67.05
0954	24.2	7.60	1.70	0.58	-119.6	61	67.05
0957	24.6	7.55	1.73	6.56	-122.5	28	67.05
1000	74.6	7.55	1.72	0.53	-125.0	26	67.05
1003	z y.7	7.55	1-71	0.53	-125.9	24	67.05
1006	24.7	7.54	1.70	0.52	727.3	24	67.05
						ā.	



Project Name:	Tervis	Webb Superfui	nd Site Proj	ect No.:	T16300	7200
Well No./ Location ID	JJWN	W-08A Tested By:	Blaine Teel	h	Date: 05	
	A Property of the Control of the Con	- 1				
Measuring Point Descr	iption:	Top of Casing		Static '	Water Level (ft.)	59.6
Total Well Depth (ft.):	68'	Screen Interval (ft.):	58-68	Sa	ample Depth (ft.)	651
Water Level Measurem	ent Method:	Soliust				
Purge Method:	Low low	pump	Sample N	lethod:	Low for	V
Time Start Purge:	1137	1	Field Filter (m	nicron):	-1.0 / 0.45 / 0.1 /	
Time End Purge:	1207	T	Time Sa	mpled:	1208	
Volume Purged (L):	9.01	Calcui	lated Flow Rate (I	_/min):	300 m	1/min
Sample ID:	TWWW.	-08A-0517	*			
Comments:	J					

Temp. (°C)	pН	EC (mS/cm)	DO	ORP	Turbidity	DTW
25.4			(mg/L)	(mV)	(NTU)	(ft.)
- 3. 1	7.40	7.88	1.19	-175.5	999	59.64
26.3	7.36	2.17	1.20	-176.5	997	39.67
26.3	7.34	3.01	1.28	-177.5	929	51.70
27.2	7.30	3.09	1.31	-179.4	863	59.70
27.8	7.29	3.14	1.43	-180.9	641	59.70
27.6	7.29	3.15	1.33	-180.9	324	59.71
28.1	7.26	3.23	1.08	- 181.4	294	59.71
28.3	7.26	3.24	1.01	-18z.9	221	59.71
	7.26	3.27	0.97	-187.9	186	51.71
28.0	7.25	3.30	6.94	-1835	151	59.71
	26.3 27.2 27.8 27.6 8.1 28.3	26.3 7.36 26.3 7.34 27.2 7.30 27.8 7.29 27.6 7.29 27.6 7.26 28.3 7.26 28.5 7.26	26.3 7.36 Z.47 26.3 7.34 5.01 27.2 7.30 3.09 27.8 7.29 3.14 27.6 7.29 3.15 8.1 7.26 3.23 28.3 7.26 3.24 28.5 7.26 3.27	26.3 7.36 2.17 1.20 26.3 7.34 3.01 1.28 27.2 7.30 3.09 1.31 27.8 7.29 3.14 1.93 27.6 7.29 3.15 1.33 28.1 7.26 3.23 1.08 28.3 7.26 3.24 1.01 28.5 7.26 3.27 0.97	26.37.36 2.47 $1.20-116.526.37.34$ 5.01 $1.28-177.527.27$ 7.30 3.09 1.31 $-171.427.87$ 7.29 3.14 1.83 $-180.927.67$ 7.29 3.15 1.33 $-180.927.67$ 7.267 3.25 1.08 $-181.425.37$ 7.26 3.24 1.01 $-182.928.57$ 26 3.27 0.97 -182.9	26.37.36 2.47 $1.20-116.5$ 997 $1.26.37.34$ 1.28 1.28 1.29 1.29 1.29 1.29 1.29 1.29 1.31 1.29 1.29 1.31 1.29 1.29 1.31 1.29



Project Name:	Tervis Webb	Superfund Site Proj	ect No.:				
Well No./ Location ID:	JUMW-08B	Tested By: Blaine Tee	h Date: 05 02 2017				
			, ,				
Measuring Point Description: Static Water Level (ft.): 60.5							
Total Well Depth (ft.):	84 Screen	Interval (ft.): 1 29-84	Sample Depth (ft.): 82				
Water Level Measuremen	t Method: Solin	nst					
Purge Method:	Low low bump	Sample N	Method: Low Slow				
Time Start Purge:	1045	Field Filter (n	nicron): 1. 0/0.45/0.1/Other: Nove				
Time End Purge:	1110		impled:				
Volume Purged (L):	9.6.1	Calculated Flow Rate (L/min): 400m1/min				
Sample ID: 01	ixical: TWHW-	083-0517 @	1111				
Comments:	plicate: TWH	w-98B-0517	@ 1116				
	1						

Time	Temp.	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1048	24.2	7.42	3.24	0.83	- 787.4	51	60.58
1057	24.6	7.45	3.30	0-82	-303.6	33	60.58
1055	25.7	7.46	3.43	1.11	-318.0	27	60.58
1658	26.3	7.43	3.56	1.17	-315.8	27	60.58
1167	26.6	7.41	3.66	1.15	-312.0	26	60.58
1104	26.7	7.41	3.70	1.25	-307.0	14	60.58
1107	26.7	7.40	3.71	1.23	-306.1	14	60.58
1110	26.8	7.40	3.71	1.23	-305.0	13	60.58
Version 012314					5		



Project Name:	Tervis	Webb Superfu	ed Sile Proj	ject No.:	T163	007200
Well No./ Location ID:	JJWM		Blaine Tec	h	Date:	05/02/2014
Measuring Point Descri	ption:	Top of Casing		Static `	Water Level	(ft.): 68.70
Total Well Depth (ft.):	118,	Screen Interval (ft.):	112-122	Sa	ample Depth	(ft.):
Water Level Measureme	ent Method:	Soliust				
Purge Method:	Low low/	pump	Sample N	Method:	Low	low
Time Start Purge:	0940	1	Field Filter (n	nicron):	-1.0 / 0.45 /	0.1 / Other:
Time End Purge:	1010		Time Sa	ampled:	1017	
Volume Purged (L):	181	Calcui	lated Flow Rate ((L/min):	500m	Ilmin
Sample ID:	JWWW-	080-0517				,
Comments:				AL THE REAL PROPERTY OF THE PARTY OF THE PAR		

Time	Temp.	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
0943	23.2	7.14	1.88	1.50	-78.7	538	68.72
0946	23.4	7.17	1.83	1.41	-136.5	312	68.72
0949	73.9	7.31	1.07	0.99	-161.0	115	68.73
0952	23.5	7.26	1.03	6.92	-147.4	151	68.73
0955	23.7	7.19	1-14	0.80	-138.8	163	68.74
0958	24.0	7.18	1.20	1.22	-125.9	171	68.74
1001	24.0	7.17	1.27	1.43	-123.9	247	68.74
1004	24.1	7.18	1.49	2.15	-119.5	335	68.74
1007	24.6	7.22	1.70	2.81	-114.3	281	68.74
1010	24.7	7.25	1.72	3.06	-114.2	317	68.74
1013	24.7	7.28	1.62	3.60	-112.2	259	68.74
1016	74.8	7.27	1 - 6]	3.67	-109.3	178	68-74
Version 012314							



Project Name:	Tervis	Webb Supe	round Site Pr	oject No.:	_T163	007700	
Well No./ Location ID	· UTWAI	W-09A Teste	ed By: Blaine Te	eh	Date:	15/01/2017	
	7						
Measuring Point Descri	ription:	Top of Cas	prince	Static `	Water Leve	1 (ft.): 61.61	
Total Well Depth (ft.):	68'	Screen Interval	(ft.): 63-68'	Sa	mple Deptl	n (ft.): 65 1	
Water Level Measuren	nent Method:	Soliust					
Purge Method:	Low low/	Dump	Sample	Method:	Low	low	
Time Start Purge:	0830	1 1	Field Filter	(micron):	1.0 / 0.45	0.1 / Other:	
Time End Purge:	0900		Time	Sampled:	0901		
Volume Purged (L):	4.0L		Calculated Flow Rate	(L/min):	400	nllmin	
Sample ID:	TWMW-	09A-0517					
Comments:	7						
				Shall and Assessment of the same			

						The National Control of the Control
Temp.	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
21.9	6.80	5.75	0.43	-60.5	960	61.00
23.0	6.85	5.61	0.44	-65.4	516	61.01
23.7	6.90	5.62	0.47	-72.6	354	61.01
24.4	6.94	5.74	0.47	-78.7	209	61.01
25.4	6.99	5.93	0.44	-90.0	92	61.01
z5.5	7.00	5.92	0.42	-94.2	86	61.01
26.2	7.01	5.93	0.41	-95.6	84	61.01
26.5	7.01	6.02	0.39	- 99.6	28	61.01
26.6	7.03	6.06	0.38	-101.0	26	61.01
26.8	7.04	6.08	0.38	-101.6	26	61.01
			7			
	(°C) 21.9 23.0 23.7 24.4 25.4 25.5 26.2 26.5 26.6	21.9 6.80 23.0 6.85 23.7 6.90 24.4 6.94 25.4 6.99 25.5 7.00 26.2 7.01 26.5 7.01 26.6 7.03	(°C) (mS/cm) 21.9 6.80 5.75 23.0 6.85 5.61 23.7 6.90 5.62 24.4 6.94 5.74 25.4 6.99 5.93 25.5 7.00 5.92 26.2 7.01 6.02 26.6 7.03 6.06	(°C) (mS/cm) (mg/L) 21.9 6.80 5.75 0.43 23.0 6.85 5.61 0.44 23.7 6.90 5.62 0.47 24.4 6.94 5.74 0.47 25.4 6.99 5.93 0.44 25.5 7.00 5.92 0.42 26.2 7.81 5.93 0.41 26.5 7.01 6.02 0.39 26.6 7.03 6.06 0.38	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

Version 012314



Project Name: Well No./ Location ID:	Jervis	Webb Super w-09B Tested)	und Site Proj By: Blaine Tec	ect No.:	7163007 Date: 05/0	200	
Measuring Point Descri	ption:	Top of Casil	19	Static V	Water Level (ft.):	62.46	
Total Well Depth (ft.):	85	Screen Interval (ft.			mple Depth (ft.):	86'	
Water Level Measureme	ent Method:	Soliust					
Purge Method:	Low low	Dumb	Sample N	Aethod:	Low low		
Time Start Purge:	0925		Field Filter (n	ricron):		ther: Nof:14	2 4
Time End Purge:	1004		Time Sa	-	1005		
Volume Purged (L):	6.5L	Ca	lculated Flow Rate (I	L/min):	500m1/m	in	
Sample ID:	TWWW	- 0913- 05	417	-			
Comments:	0			****			

	_		7				
Time	Temp.	pH	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
0928	21.7	7.54	1.12	0.31	- 148.7	71000	62.51
0931	22.5	7.33	1.72	0.27	-143.1	71000	62.53
0934	23.3	7.20	7.47	0.26	139.4	71000	67.55
0937	23.5	7.20	2.51	0.25	-139.2	71000	62.56
0940	23.9	7.39	1.66	0.22	-153.4	71000	62.56
0943	25.0	7.22	2.26	0.22	-145-4	578	62.56
0946	24.5	7.19	2.59	0.23	-142.9	238	62.56
0949	24.5	7.21	2.63	0.25	-141.6	195	62.56
0952	24.5	7.21	2.63	0.25	-140.9	137	62.56
0955	24.7	7.21	2.62	0.25	-140.0	90	62.56
0958	24.7	7.20	2.64	0.24	-138.5	70	62.56
1001	24.9	7.21	263	0.23	-1386	59	67.56
1004	24.8	7.22	2.62	0.27	-138.6	47	62.56
Version 012314							



Project Name:	Tervis Webb	Superfund Site Project No.:	T163007200
Well No./ Location ID:	JUNW-09C	Tested By: Blaine Tech	Date: 05/01/2017

Measuring Point Desc. Total Well Depth (ft.):		Screen Interva	5149 1 (ft.): 1 95-100'		Water Leve	05
Water Level Measuren	nent Method:	Soliust				
Purge Method:	Low low	Dump	Sample N	Method:	Low,	low
Time Start Purge:	1025	1 1	Field Filter (n	nicron):	1.0 / 0.45	10.1 / Other: None
Time End Purge:	1107		Time Sa		110	8
Volume Purged (L):	7.0L		Calculated Flow Rate (L/min):	500	mllmin
Sample ID:	JWWW	- 09C -	0517			
Comments:	0					

The state of the s		_				
Temp. (°C)	pH	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
22.1	7.83	0.20	0.35	-170.4	71000	63.74
Z 3.5	7.51	0.30	0.27	-174.5	71000	63.72
23.6	7.35	0.57	0.27	-170.1	978	63.70
24.4	7.33	91.27	0.73	-168.6	678	63.70
24.7	7.37	1.39	0.27	-166.0	531	63.70
24.8	7.38	1.42	0.27	-164.6	463	63.70
24.9	7.39	1.47	0.27	-163.2	303	63.70
25.0	7.40	1.50	0.29	-161.2	227	63.70
25.0	7.46	1.53	0.29	-160.2	192	63.70
24.9	7.40	1.55	0.29	-159.1	145	63.40
25.0	7.40	1.59	0.26	-158.0	96	63.70
24.8	7.40	1.61	6.25	-156.6	73	63.70
74.8	7.40	1.63	0.24	-156.Z	68	63.70
24.7	7.40	1.54	0.23	-155.9	50	63.70
	22.1 23.5 23.6 24.4 24.7 24.8 24.9 25.0 25.0 24.9 25.0 24.9 25.0 24.8	72.1 7.83 73.5 7.51 73.6 7.35 74.4 7.33 74.7 7.37 74.8 7.38 74.9 7.39 75.0 7.40 75.0 7.40 75.0 7.40 74.8 7.40 74.8 7.40 74.8 7.40	(°C) (mS/cm) 72.1 7.83 0.20 73.5 7.51 0.30 73.6 7.35 0.57 74.4 7.33 9.27 74.7 7.37 1.39 74.8 7.38 1.47 74.9 7.39 1.47 75.0 7.40 1.50 75.0 7.40 1.55 75.0 7.40 1.55 75.0 7.40 1.55 75.0 7.40 1.55 75.0 7.40 1.61 74.8 7.40 1.63	(°C) (mS/cm) (mg/L) 72.1 7.83 0.20 0.35 73.5 7.51 0.30 0.27 73.6 7.35 0.57 0.27 74.4 7.33 2.27 0.23 74.7 7.37 1.39 0.77 74.9 7.38 1.47 0.27 74.9 7.39 1.47 0.27 75.0 7.40 1.50 0.29 74.9 7.40 1.55 0.29 74.9 7.40 1.59 0.76 74.8 7.40 1.61 6.75 74.8 7.40 1.63 0.24	(C) (mS/cm) (mg/L) (mV) 72.1 7.83 0.20 0.35 -170.4 73.5 7.51 0.30 0.27 -174.5 73.6 7.35 0.57 0.27 -176.1 74.4 7.33 7.27 0.23 -168.6 74.7 7.37 1.39 0.77 -166.0 74.8 7.38 1.47 0.27 -164.6 74.9 7.39 1.47 0.27 -164.6 75.0 7.40 1.50 0.29 -161.7 75.0 7.40 1.53 0.29 -160.7 74.9 7.40 1.55 0.29 -159.1 74.8 7.40 1.61 6.25 -156.6 74.8 7.40 1.63 0.24 -156.7	(CC) (mS/cm) (mg/L) (mV) (NTU) 72.1 7.83 0.20 0.35 -170.4 71000 23.5 7.51 0.30 0.27 -174.5 71000 23.6 7.35 0.57 0.27 -170.4 978 24.4 7.33 0.57 0.27 -168.6 678 24.7 7.37 1.39 0.27 -166.0 531 24.8 7.38 1.42 0.27 -164.6 463 24.9 7.39 1.47 0.27 -164.6 463 25.0 7.40 1.50 0.29 -161.2 227 25.0 7.40 1.53 0.29 -161.2 227 24.9 7.40 1.55 0.29 -159.1 145 25.0 7.40 1.59 0.29 -159.1 145 25.0 7.40 1.59 0.29 -159.1 145 27.9 7.40 1.51 0.25 -156.6 73 24.8 7.40 1.63 0.24



Project Name:	Tervis Webb Superfund Site Project No.: T163007200	
Well No./ Location ID		
Measuring Point Descri	iption: Top of Casiua Static Water Level (ft.): 69.99	
Total Well Depth (ft.):	35' Screen Interval (ft.): 130 - 135' Sample Depth (ft.): 133'	
Water Level Measurem	ent Method: Soliust	
Purge Method:	Low low bumb Sample Method: Low low	
Time Start Purge:	Field Filter (micron): 1.0/0.45/0.1/Other: 120004	•
Time End Purge:	1206 Time Sampled: 1269	
Volume Purged (L):	3.5 L Calculated Flow Rate (L/min): 500 ml min	
Sample ID:	JWMW-10-0517	
Comments:		

					370000000000000000000000000000000000000		
Time	Temp. (°C)	pH	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1150	23.3	7.56	1.41	0.50	-140.5	28	70.07
1153	23.4	7.49	1.42	0.41	-1403	28	70.07
1156	24.1	7.44	1-44	0.34	-140.7	72	70.87
1159	24.3	7.44	1.45	0.32	-139.6	16	70.87
1202	24.3	7.44	1.45	0.31	-139.8	9	70.07
1205	24.4	7.45	1-46	0.28	-135.5	9	70.07
1208	24.4	7.43	1.46	0.28	-135.3	8	70.07



Project Name:	Tervis	Webb Superfue	ed Site Proje	ect No.: 1163	007200
Well No./ Location ID:		1W-1A Tested By:	Blaine Teel	Date:	5 4 2017
Measuring Point Descrip		Top of Casing		Static Water Level	(ft.): 61.90
Total Well Depth (ft.):	69'	Screen Interval (ft.):	56-69	Sample Depth	(ft.): 65
Water Level Measureme	ent Method:	Solinst			
Purge Method:	Low low	/ Sum D	Sample M	Tethod: Low	low
Time Start Purge:	0907	, , ,	Field Filter (m		0.1 / Other: Nove
Time End Purge:	0925		Time Sa:	mpled: 09Z	6
Volume Purged (L):		Calcula	ated Flow Rate (I	/min): 700m	Ilmin
Sample ID:	TWM	U-11A-051			
Comments:	0				

Time	Temp.	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
0910	23.4	7.61	2.49	2.18	- 57.9	71000	61.79
0913	23.9	7.53	2.47	2.19	-71.5	>1000	61.79
0916	23.8	7.44	2-77	1.94	-79.6	71000	61.79
0919	23.9	7.44	Z.77	1.92	-80.2	>1000	61.79
0922	23.8	7.43	2.79	9.91	-81.3	>1000	-1.79
0125	23.9	7.43	2.80	1.93	-82.7	> 600	
						Val.	

ersion 012314							



Project Name:	Tervis Webb Superfund Site Project No.: T163007200	
Well No./ Location ID	VIWHW-011B Tested By: Blaine Tech Date: 5/4/2017	
	3	
Measuring Point Descr	ption: Top of Casiua Static Water Level (ft.): 62.19	
Total Well Depth (ft.):	Screen Interval (ft.): 60-90 Sample Depth (ft.): 85	
Water Level Measurem	ent Method: Soliust	
Purge Method:	Low low / Sumb Sample Method: Low low	
Time Start Purge:	0820 Field Filter (micron): 1.0/0.45/0.1/Other: Nou	u
Time End Purge:	0839 Time Sampled: 0839	
Volume Purged (L):	Calculated Flow Rate (L/min): 450ml/min	
Sample ID:	TWMW-11B-0517	
Comments:	O .	

Time	Temp.	pH	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
0823	71.7	7.53	4.04	0.42	-143.6	71000	62.27
0826	21.8	7.38	4.27	0.37	-176.5	71000	62.30
0879	22.	7.30	4.34	0.40	-169.8	71000	6Z.3Z
0832	22.4	7.27	4.34	6.79	-189.5	71000	6237
0835	22.4	7.27	4.37	0.80	-169.9	71000	62.35
0438	72.5	7.26	4.37	0.81	-170.3	71000	62.35
				194			
Varcion (11721)							

Version 012314

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Measuring Point Description: Top of Casium Static Water Level (ft.): 68.87 Total Well Depth (ft.): 28 Screen Interval (ft.): 118-128 Sample Depth (ft.): 128' Water Level Measurement Method: 50iust Purge Method: Low low pump Sample Method: Low low Time Start Purge: 0727 Field Filter (micron): 1.0/0.45/0.1/Other: Time End Purge: 0748 Time Sampled: 0749 Volume Purged (L): Calculated Flow Rate (L/min): 500 ml miv Sample ID: Junu -11C-0517 a 0749 Comments: Junu-911C-0517 a 0759	Project Name:	Tervis	Webb Super	rud Site Proj	ect No.:	T1630	007200
Total Well Depth (ft.): 128 Screen Interval (ft.): 118-128 Sample Depth (ft.): 125 Water Level Measurement Method: Soliust Purge Method: Low low pump Sample Method: Low low Time Start Purge: 0727 Field Filter (micron): 1.0 / 0.45 / 0.1 / Other: Time End Purge: 0748 Time Sampled: 0749 Volume Purged (L): Calculated Flow Rate (L/min): 500 ml miv Sample ID: JWMW -11C-0517 W 9749	Well No./ Location ID): V Tw	MW-11C Tested	By: Blaine Tec	h	Date: _	5 4 2017
Total Well Depth (ft.): 128 Screen Interval (ft.): 118-128 Sample Depth (ft.): 125 Water Level Measurement Method: Soliust Purge Method: Low low pump Sample Method: Low low Time Start Purge: 0727 Field Filter (micron): 1.0 / 0.45 / 0.1 / Other: Time End Purge: 0748 Time Sampled: 0749 Volume Purged (L): Calculated Flow Rate (L/min): 500 ml miv Sample ID: JWMW -11C-0517 W 9749							
Water Level Measurement Method: Purge Method: Low low pump Sample Method: Low low Time Start Purge: Time End Purge: Volume Purged (L): Sample ID: Sample Method: Low low 1.0/0.45/0.1/Other: 7.00 ml miv Sample ID:	Measuring Point Desc		Top of Casi	ug	Static \	Water Level (ft.): <u>68.87</u>
Purge Method: Time Start Purge: Time End Purge: Volume Purged (L): Sample ID: Sample Method: Low low Purge Method: Low low O727 Field Filter (micron): 1.0/0.45/0.1/Other: 0749 Calculated Flow Rate (L/min): 500 ml miv 500 ml miv	Total Well Depth (ft.):	128,	Screen Interval (fi	:): 1118-128	Sa	mple Depth (ft.): \ZS`
Time Start Purge: Time End Purge: Volume Purged (L): Sample ID: Field Filter (micron): 1.0 / 0.45 / 0.1 / Other: 7 Time Sampled: 7 Time	Water Level Measurer	nent Method:	Soliust				
Time End Purge: Volume Purged (L): Sample ID: Time Sampled: O749 Calculated Flow Rate (L/min): 500 ml miv 500 ml miv	Purge Method:	Low low	/ Dump	Sample N	Method:	Low Se	ρW
Volume Purged (L): Sample ID: Calculated Flow Rate (L/min): 500 ml miv Twww-11C-0517 a 0749	Time Start Purge:	0727	, , ,	Field Filter (m	nicron):	1.0 / 0.45 / 0	0.1 / Other:
Sample ID: JWWW-11C-0517 @ 0749	Time End Purge:	0748		Time Sa	ampled:	0749	
	Volume Purged (L):		C	alculated Flow Rate ()	L/min):	500 m	1 min
Comments: JWWW-911C-0517 @ 0759 Juplicate	Sample ID:	TWMW -	-110-0517	r (a) 074	f9		
0	Comments:	TWNW.	-911C-05	17 @ 075	59	Dur	dicale
		0					

Time	Temp.	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
0730	70.3	6.96	1.32	7.83	-4.5	112	68.92
0733	20.5	7.00	1.57	1.50	- 76 . 8	79	68.95
6736	20.6	7.02	3.18	1.10	-113.3	352	68.95
0739	20.2	7.04	3.19	1.13	-113.3	286	68.95
0742	ていて	7.07	3.25	1.09	-115.6	234	68.95
0745	21.3	7.07	3.13	1.16	-119.2	77 2	68.95
0748	71.3	7.08	3.28	1.17	-119.6	218	68.95
							to
ercion (VI)214							



Project Name:	Tervis 1	Nebb Superfu	ud Sife Project	No.: T163	3007200
Well No./ Location ID:	Juna)-12 Tested By:	Blaine Tech	Date: 2	5 4 2012
Measuring Point Descrip	tion:	ip of Casiva	St	atic Water Leve	el (ft.): 69.10
Total Well Depth (ft.):	143	Screen Interval (ft.):		Sample Depti	
Water Level Measuremen	nt Method:	Soliust			
Purge Method:	Low low/	bumb	Sample Meth	od: Low	low
Time Start Purge:	09'58'	, ,	Field Filter (micro		0.1 / Other: PC
Time End Purge:	1025		Time Sampl	led: 102	5
Volume Purged (L):		Calcu	lated Flow Rate (L/m	in): 5001	ullmin
Sample ID:	TWMW-	12-0517			
Comments:	J				

Time	Temp. (°C)	pH	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1001	22.4	7.51	3.70	1.40	-93.7	>1000	69.21
1004	22.8	7-40	3.78	1.19	-88.6	>1000	69.23
1007	22-8	2.36	3.75	1.11	-928	884	69.23
1010	23.2	7.32	3.80	1.01	-98.5	442	69.23
1013	23.3	7.31	3.83	0.99	-97.4	174	69.23
1016	23.6	7.28	3.90	1.03	-88.7	96	69.24
1619	23.6	7.28	3.91	1.05	-87.Z	61	69.24
1022	23.7	7.27	3.92	1.09	-84.1	35	69.24
1025	24.1	7.26	3.95	1.69	-83.9	30	69.24
	d						



Project Name:	Tervis Webb Superfued Site Project No.: T163007200							
Well No./ Location ID	V TW NW - 13 A Tested By: Blaine Tech Date: 05/03/2017	_						
		=						
Measuring Point Description: Top of Casiua Static Water Level (ft.): 60.87								
Total Well Depth (ft.):	Screen Interval (ft.): 60-40 Sample Depth (ft.): 65'							
Water Level Measurem	ent Method: Soliust	-						
Purge Method:	Low low pump Sample Method: Low low	5 /2						
Time Start Purge:	0837 Field Filter (micron): 1.0/0.45/0.1/Other: Nou	٠						
Time End Purge:	0850 Time Sampled: 085/							
Volume Purged (L):	Calculated Flow Rate (L/min): 400 ml/min							
Sample ID:	TWWW-13A-0517							
Comments:	3							
		4.						

Time	Temp. (°C)	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
0835	21.5	7.26	5.18	0.75	-35.2	71000	60.95
0838	24.7	7.24	5.27	0.77	~38. Z	71060	60.95
0841	25.4	7.13	5.59	1.59	-38.2	71000	60.97
0844	25.9	7.13	5.74	1.69	-60.3	71000	60.97
0847	25.9	7.13	5.82	1.72	-61.8	71000	60.97
0850	25.9	7.13	5.87	1.75	-63.8	71000	60.97



Project Name:	Tervis	Webb Superfu	d Sike Project No	.: T16300	7200
Well No./ Location ID	JIWN	W - Tested By:	Blaine Tech	Date: OS	03/2017
	7	13B			
Measuring Point Descr	iption:	Top of Casing	Stati	ic Water Level (ft.):	60.90
Total Well Depth (ft.):	100'	Screen Interval (ft.):	90-100	Sample Depth (ft.):	951
Water Level Measurem	ent Method:	Soliust			
Purge Method:	Low low	pump	Sample Method	i: Low lou	1
Time Start Purge:	0753		Field Filter (micron)): 1.0 / 0.45 / 0.1 /	Other Nove
Time End Purge:	0814		Time Sampled	0815	
Volume Purged (L):		Calcul	ated Flow Rate (L/min)	: 400mll 11	nin
Sample ID:	TWNW	-13B-05	17		
Comments:	7				
_					

		1					
Time	Temp. (°C)	pH	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
0756	20.7	7.50	2.73	1.24	-0.8	658	61.67
0759	20.8	7.49	2.74	1.25	-5.1	59.9	61.07
0802	21.1	7.45	2.80	1.21	-154	55.]	61.09
0805	C1. Z	7.45	7.83	1.14	-23.4	52.8	61-09
8086	72.1	7.45	2.93	1.0l	-32.3	39,6	61.09
1180	22.2	7.45	2.95	6.99	-33.8	37.5	61.69
0814	22.6	7.45	3.00	0.94	-38.5	27.5	61.09
0817							
0820							
	IA.						



Project Name:	Tervis	Webb Super	und Sike Pro	ject No.:	T163	300720	0
Well No./ Location ID:	Jun	W-13C. Tested F	y: Blaine Tee	h_	Date:	05/03/2	2017
Measuring Point Descri	ption:	Top of Casiv	19	Static	Water Leve	el (ft.): 67.	5)
Total Well Depth (ft.):	1284	Screen Interval (ft.)	118-128	Sa	ample Deptl	n (ft.):	25.1
Water Level Measureme	ent Method:	Soliust				-	
Purge Method:	Low low	Jump	Sample l	Method:	Low	low	-
Time Start Purge:	0658		Field Filter (r	nicron):	1.0/0.45	0.1 / Other:	Nous
Time End Purge:	0720	1	Time Sa	ampled:	07	30	
Volume Purged (L):	1 63	Cal	lculated Flow Rate (L/min):	500m	Min	
Sample ID:	TWMW	-130-05					
Comments:							

					-		
Time	Temp.	pН	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
0702	20.9	7.47	1.06	1.37	165.8	577	67.58
0705	21.0	7.55	1.08	1.35	157.5	405	67.58
0708	21.5	7.62	1.17	1.32	148.0	228	67.59
0711	21.9	7.71	1.24	1.27	138.1	164	67.59
0714	21.9	7.71	1.25	1.26	137.3	121	67.60
0717	21.9	7.75	1.28	1.25	131.5	115	67.60
0720	22.3	7.80	1.32	1.18	119.0	81	67.60
0723	27.5	7.84	1.34	1.09	105.7	73	67.60
0726	27.7	7.85	1.35	1.04	100.8	73	67.60
0729	27.7	7.78	1.36	1.05	100.3	76	67.60
Version 012314							

Daily Activity Report (DAR)	G ilbane
Project Name: Southern Avenue Industrial Area Superfund Site	Page of
Project No./Task Code: 7163006400	Date: 05 01 2017
Description of Work: Soil gas Investigation & Make Visitors / Subcontractors:	
Visitors / Subcontractors: Grag Drilling Blaine Tech	
Weather: Sunny;	
Description of Field Activities	
7:00 Met this from Blaine Tech at Site. 7:30 Set up trip blank (TW-RLOI-0517)	
08:00 Start JWWW-09A	*
09:01 Sampled June - 094	
11005 504660 UT 910412 - 09B ' '	ety liger.
1015 Set up and stast pursing TWNW-090	C
1108 Sambay INOMO - ode,	
1209 Set up at TWNW-10	
1300 Set up at TWNW-04	
1335 Sampled Tware -04	
1945 Set up Vat TWWW-05	
1920 Sample TWAW-05	
1600 Drop samples at at Fedex Kinkon	
- Jus	
Prepared by: Docators Signature:	
rogerio Leong	



Date 05/01/2017 Time 700	Project Number: 07163.0068 67163.00 64
Project: KBVM-0U3 SAJA	
	of Sou fur frate
Type of Work: drilling and Sampling Grown wa	fer
Chemicals Used (if any)	
Safety Topics Prese	nted
f :	
Protective Clothing/Equipment	
Trouble Crowning 254 in princip	*
Chemical Hazards YOUS	
·	
Physical Hazards Slip rip all,	
This both The area of the area	
Emergency Procedures 911	
	03-5270
Hospital Twin Cities Community Hospital Phone No. 805-434-3500	Ambulance Phone No. 911
1400 Las tablas Road, Tompleton, CA 93456 3670 Ju	perial Huy, Lynwood, CA
Special Equipment	parties to 4 Eyumaba CA
Special Equipment	
Other	
Citic	
Attendees	
Printed Name	Signature
	Signature Signature
Phillip Alonzo	100
Conducted By: Logicio Liona s	Signatura Ay
	Signature:
Supervisor:	

Daily Activity Report (DAR)	Gilbane
Project Name: Vervis Webb	Page of
Project No./Task Code:	Date: 05/02/17
Description of Work: Groundwater Sampling	03/02/14
Visitors / Subcontractors: Blaine Tech	110000
Weather: Sunny	
Description of Field Activities	
630 At sile	
700 Blaine tuck did not show up Gun	overslept.
900 Phil arrive at site sign of Tail	fale force
910 Set up traffic comes around TWMW	708.
900 Set TB (YABG3)	
1111 Sourpled MW-088, 1116 Lebeled Dup of MW-088 as MW-081	
1100 000 000 000	9
1208 Sampled MW-084	
1300 Set lup of TWWW-02 1337 Sampled TWWW-02	
1600 At Tedex	
(BOC AT ISLEED)	
	11.11941111
Prepared by: Signature:	
Roberio Luny	
R 080614.doc	



Date 05 02 2017 Time 900	Project Number: 07163.0068 67163.00 64
Project: KBVM-063 SAJK TERVIN Webb	
Site Location: Lake Nacimiento, San Duis Obispo County, Galifornia	City of Sou for frate
Type of Work: drilling and Sampling (150	undwater
Chemicals Used (if any) Had as proscribing	K
Safety Topic	s Presented
1 1	
Protective Clothing/Equipment	
Chemical Hazards YOC5	
Physical Hazards Slip trip all	
Emergency Procedures 911	210
	10) 603-5270
Hospital Twin Cities Community Hospital Phone No. 805-434-35	
1400 Las tablas Road, Templeton, CA 93456 3630	Juperial Hwy, Lynwood, CA
Special Equipment	
Other	
Onici	
Atten	dees
Printed Name	Cianatura
Phillip Alonzo	Mix Asignature
γ	
Conducted By: Logicio LIMO	Signature:
Supervisor:	
1	

Daily Activity Report (DAR)	Gilbane
Project Name: Tervis Webb Super much Sike	Page \ of (
Project No./Task Code: 7167 00 7200	Date: 05 03 2017
Description of Work: Grantwell Gam Ni w	03(0)
Description of Work: Groindwald Sampling Visitors / Subcontractors: Blaim Tech	***************************************
Weather:	***
Description of Field Activities	
600 At site at Bell foundry	
640 Set up at TWNW-131C and trip tolan	.k.
730 Sample Twater-13C	·
740 set up at TWMW-13B 0815 Sampled TWMW)-13B	×
0820 Set up at TWHW - 13A	
0851 Sample JWMW 213A	
900 Meet TM at 12eliable Steel 905- Set up traffic control in Center lane of Fire	estone Blud.
930 - Set up at TWHW-OFC	211000 5000,
1007 - Sample JWMW-07C	
1015 - Set up 27 TWHW - 07B	
1100 - Set up at TWMW-07A	
1132 - Sampled TOUMW - 07A	
1236 - Sample - TWHW - 06C	
1245 - Set Les 04 TWM (1) -DGB	
1255 - Sampled JWHW-06B	
1338 - Sauntia WWW-06/4	
1600 - Ship coolers at tedlic kinker	
	William Control
	>
repared by: Rogerin Lung Signature:	
080614.doc	



TAILGATE SAFETY MEETING

Date 05 03 2017 Time 630	Project Number: T163007200
Project: Terris Webb	Toject Hamour.
Site Location: City of Swfu Gar	/
Type of Work: Ground water &	Sampling
	urvakun
Safety T	opics Presented
Protective Clothing/Equipment Und Lwd D	
Chemical Hazards VOCS	
Physical Hazards Law rate dip to	ip fall
Emergency Procedures 911	' \
Emergency Procedures 911	
Hospital St. Faucis Phone No. 310	Ambulance Phone No. 911
Hospital St. Francis Phone No. (310) 3630 Juperial Livy	· Chubod · CA
Special Equipment .	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
other	
A	ttendees
Printed Name	Ni Signature
Pnillip Alinzo	mun
N. C.	
Conducted By: Logico Ling	Signaturg.
Supervisor:	
- 1	

Daily Activity Report (DAR)		Gilbane
Project Name: Tervis Wubb		Page of
Project No./Task Code: 163007200		Date: 4 217
Description of Work: Groundware So	au plia,	Oxfo (b)
Description of Work: Visitors / Subcontractors: Daine Tech		
Weather: Sunny		
CO30 At ELG failing A00 Tailgake Sality T:10 Set up cet Tww T:15 Trip hlank assived. 7:49 Sampled Twww-IIC 7:59 Assigned Twww-IIC 8:30 Sampled Twww-OI 1000 Set up ou Twww-OI 1146 Sampled Twww-OI 1150 Assigned Twww-OI 1150 Assigned Twww-OI	tion of Field Activities W - OIIC FL ELG C as duplicate IB IIA -12 W - OI at Free fore NW - O3 NW - O3	Parcel
Prepared by:	Signature:	



TAILGATE SAFETY MEETING

Date 5 4 2017 . Time 650	Project Number: 7163007200
Project: Tervic WWD	J
Site Location:	
Type of Work: Gul Saupling	
Chemicals Used (if any)	
Safety Topics 1	Presented
Protective Clothing/Equipment Loul D	· · ·
Chemical Hazards	
Physical Hazards .	
Emergency Procedures 911	
Hospital St. Kausa McCarl Phone No.	
Hospital St. Kauers Media Phone No.	Ambulance Phone No. 911
Special Equipment	
ореон Берлин	
Other	44.00
Attende	es
Printed Name	Mir Rignature
Phillip Alonzo	This !
0	
Conducted By: Locuio Low	Signature:
Supervisor:	



Low-Flow Groundwater Purge and Sample Log

Project Name:	Tervis		VI II OLO OL	Project No.:	10000
Well No./ Location ID:	- January - Janu	IW-OGC Test	ted By: Blaine T	ech	Date:
Measuring Point Descri		Top of Ca	siua	Static	Water Level (ft.): 64.8
Total Well Depth (ft.):	122'	Screen Interval	(ft.): 1/2-122	s	ample Depth (ft.):
Water Level Measurem	ent Method:	soliust			
Purge Method:	Low low	bumb	Samp	le Method:	Low flow
Time Start Purge:	1053		Field Filte	r (micron):	
Time End Purge:	1108	4	— Time	e Sampled:	1109
Volume Purged (L):	3.0L		Calculated Flow Ra	te (L/min):	200m1/min
Sample ID:	TWI	MW-06C.	-0617		
Comments:	7				

Time	Temp. (°C)	pH	EC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	DTW (ft.)
1056	23.7	7.56	152	0.54	-153.8	47	65.10
1059	23.7	7.59	463.1	0.52	-163.1	9	65.12
110 2	24.5	7.63	1465	0.42	-121.2	9	65.12
1105	24.7	7.63	1464	0.40	-172.4	9	65.12
1108	25.0	7.64	1468	6.38	-174.0	9	65.12

13989



Date 5-22-17	Time	Project Number:
Project: THE JECUS W	ihh.	1
Site Location: Jouth Gare	on tirestone Blva	1
	DS.	
Chemicals Used (if any)	<u> </u>	
	Safety Topics I	Presented
Protective Clothing/Equipment Le	evel D	
Chemical Hazards HCL, Wel	Water	
		· · · · · · · · · · · · · · · · · · ·
Physical Hazards Traffic,	Slips Trips + tall	5
D 1 011		
Emergency Procedures 911		
Hospital	Phone No.	Ambulance Phone No. 911
Troopital	Thomas No.	Amountainee Finding 140. 711
Special Equipment		
Other	2001 000 3 Care	
	8 - 280 W	
	Attende	ees
Printed Name	:	Signature Signature
Phillip Alonzo	-	fled 100
N CONTRACTOR OF THE CONTRACTOR		
€ :		
Conducted By: FRM GR	2714	Signature: Jamus P. Ruell
Supervisor: (ST)	714	- STATILLE - STATE

Summary of Site Survey for Vapor Intrusion Evaluation at Jervis Webb Superfund Site

As part of the vapor intrusion evaluation at Jervis Webb Superfund Site, EPA has performed a site survey at three commercial properties and dwellings directly affected by the VOCs contaminant plume in groundwater. This site survey was conducted on January 16 and 17, 2017. Each survey is documented in the survey forms as attached to this summary page. The recommendations for sampling locations at each property were based on observations and screenings using a photoionization detector (PID) for VOCs collected near the potential pathways, and are summarized below.

Address	Building	Sample Matrix	Specific Locations
		Indoor Air	center of the office space
	Western	Indoor Air	near conduit pipes at electrical closet in warehouse
		Indoor Air	near conduit pipe at southwest corner of warehouse
	Center	Indoor Air	office inside the building
9001 Rayo Avenue		Outdoor Air	at west of the building
	Main	Indoor Air	northwest office inside warehouse
	Building at East	Indoor Air	driver's lounge
	at East	Indoor Air	northwest room (cubical area) of the main office
		Indoor Air	southwest room (cubical area) of the main office
	Main	Outdoor Air	southern corner of the building
9301 Rayo		Indoor Air	kitchen of main office area near pumbling penetrations
Avenue	Building	Indoor Air	cubical area of main office
		Indoor Air	near a post hole adjacent to electrical panel at warehouse
		Outdoor Air	western corner of the building
	Main	Indoor Air	inside office at northwest portion of the building
5030 Firestone	Building and	Indoor Air	small office at northeast corner of the building
Blvd	Outside Office	Indoor Air	enclosed office at eastern portion of the building
	Additions	Indoor Air	possible storage space at eastern portion of the building
		Indoor Air	eastern portion of the shop area inside building

Allerton (1911) Constant
Date: 01 18 2017 Site: Kivis With Superfund EPA Building Number #:
PART 1: General Information Business Name: Piazza Trucking Address: 9001 Rayo Avenue
Address: 9001 Rayo Avenue
Tenant Information (if applicable)
Contact Name: Interviewed: L Yes L No
Phone: Email:
Owner/Landlord Information Consent Access X Yes No Date: 07 25 2016
Name: <u>William ' Yia λλα</u> Interviewed: Yes X No
Name: William Piazza Interviewed: Yes X No Phone: (323) 357 - 1999 Email: beh @ Piazzatrucking. Com Interviewed: Al Aragon (Safety Director) Building/Business Type (Check appreciate bayes)
Interviewed: Al Aragon (Safety Director) Building/Business Type (Check appropriate boxes)
School/Day-Care Retail Store Argument Store Manufacturing
Single level Office/Warehouse Multi-story Strip-mall Multi-tenant Warehouse
Other
Number of Occupants: 12 Adults: Gender ratio M/F / General Age ranges: 30 - 50 Children: Number at Ages (0-6) (6-12) (13-17)
Days/Hours of occupancy 5 Duration of work shifts ~8
Days/Hours of ventilation system operation
Pear/Decade Built: Number of Stories: Main officing 2 shores (all others are Si Stories Building Area (square feet): Total 2,000 (Custor First Floor
Approximate Building Area (square feet): Total 2,000 (Cattle First Floor
Foundation Type (Check appropriate boxes) Slab-on-Grade Slab-above-Grade (elevated/cap-slab on fill) Crawl Space Basement None
Describe
Survey Preparation Information Politic Llong Date Prepared: 01 16 2017 Affiliation: Gilbau Tedera Phone: (025) 946 3156 Email: Tleong @ Gilbau Co. Com
Affiliation: Gilbring Federal Phone: (025) 946 3156 Email: Tleong @ gilbane Co. Com

Date: UTI DIM Site: Will UTI UTI EPA Building Number #:	Date: 01/16	2014 Site	te: Terris Webb	EPA Building Number #:
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PART 2: Factors Impacting Indoor Air Quality and Sampling

Questions Describe renovation activities that have occurred over the last 6 months (what was done, what area, and when):
Describe any open combustion in the building. (smoking/incense/candles/cooking/burning)
Not observed
Have site chemicals of concern been used or stored in the building or adjacent warehouse/shop?
Please list the general types of chemicals Not identified: No Chlorinated Solvers used.
Have any significant amounts of volatile chemicals been used recently? Yes No Please list the chemicals Describe any instance of water/groundwater present in the basement/groundwater present in the basement in th
Describe any instance of water/groundwater present in the basement/crawlspace (including sumps):
Are there conduits for sewer gases to enter the building (dry p-traps, open clean-outs, abandoned hook-ups, poorly installed/sealed/seated plumbing)? Describe:
Several polerical paterways observed in all those mildings; the wave houses
Observations are significantly will rentilated (parier) window, doors.
What is the temperature relative to outside?
What pathways to the subsurface were observed? Plumbing Hoos drains in wair warehouse
Were windows/doors/roll-up doors kept open? Ut hoken windows gas Increased ventilation from the outside will dilute vapors from the subsurface and may mitigate
Ventilation system status and condition? PUSIVE IN WORK LANDERS Areas of negative pressure.
Are intake or exhaust fans being used? \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Are there ventilation hoods in use? \(\sqrt{0} \)
Is there evidence of significant negative pressure? Not obstall significant for the vapors may build up in areas with
Do parts of the indoor environment appear stagnant? We in Swall office poor ventilation.
Describe any strong odors. <u>JWW IN IN TOOM!</u> ON the Strong odors may Indicate poor ventilation or an indoor air source that may interfere with analysis.
Building Construction Faskut back Workwork building air source that may interfere with analysis.
Building Construction Materials?
☑Concrete ☐ Concrete Block ☑-Steel ☐ Wood ☐ Other
Does the building have an at-grade or below-grade garage? No
Does the building have an attached mechanical room? <u>If the cutofulding</u>
ls the building slab constructed with post-tension concrete? <u>ბინისს სა</u>

Non-Residential Indoor Air Quality Survey Form 21915
Date: 01/16/2017 Site: Jervis Webb EPA Building Number #:
What are the ceiling heights? >20 feet in wardword
Pathway Analysis
Does the building have a basement or sub-surface structures that are/have: Unfinished Exposed soil Damp or flooded Unsealed utility lines Other
Are there utilities that penetrate the slab that may be conduits for soil vapor?
Is there non-ventilated space in the building (maintenance /electrical / server rooms)? Office? Is this space occupied? At what frequency/duration? Opcodio Lours Are there potential pathways in this space? possible
Are there significant heat sources or other systems that may generate a significant negative pressure near the floor/slab?
Are there elevators in the building?
Are there significant utilities penetrating the floor/slab? Plumbing : electrical conducts
What is the condition of the foundation/slab? Old but in good condition
Was the building constructed with a subslab system or barrier?
Are there floor drains? Yes; two in the main Warehouse building
If the foundation design specifications and/or as-built drawings are available attach.
Other Information (that may be of importance in understanding the indoor air quality)
See attached report
Potential Sampling Locations General notes on potential sample locations and type. Tentative sampling date(s) and preferred times.
See altaclud report

On a separate page, draw/attach the general floor plan of the building and denote potential locations of sample collection. Indicate locations of doors, windows, ventilation system components, indoor air contaminant sources and field instrument readings.

Non-Residential Indoor Air Quality Survey Form 21915

Date: <u>Ol/lb/2017</u> Site: <u>Jເຕັນໂລ ພວຍປ່</u> EPA Building Number #:

See Atladud Report

9001 Rayo

West building ~ 7,000 square feet



The main part of this building is a large warehouse space used for storage. The northern portion of the building, facing Firestone Blvd., is a small office with several office spaces, two restrooms and an attached vault that is built out into the warehouse space. The office space is used to store residential items belonging to the business owner. The office space has some leaks in to roof that were evident from the previous day's rain.

Ventilation

The warehouse has significant passive ventilation, it is not well insulated and there are open and broken windows.

The office space is not well ventilated, does not have an operating ventilation system, and a strong sewer/mildew odor was present.

Pathways

There are several potential pathways through the slab in the warehouse area including current and former plumbing conduits. There are also several penetrations in the electrical closet, located in the northwest portion of the warehouse space.

The office space had two restrooms that were being used for storage. The fixtures were still in place and the traps appeared to be dry. It is likely that these are a source of sewer vapor entry. No other significant pathways were observed.

Chemicals

No chemical usage or storage was observed in this building.

Sample Locations

One ambient air sample should be centrally collected from the office space to determine the potential for vapor intrusion into this area.

One to two samples could be collected in the warehouse area, near the potential subsurface pathways.

Center building ~ 2,000 square feet

The small central building on this property is used as a machine/repair shop for truck and trailer parts. It consists of two workshop areas, a parts storage area, and an office that is accessed from the central workshop area.

Ventilation

The workshops spaces have significant passive ventilation. The office is poorly ventilated when the door connecting it to the central work area is closed.

Pathways

No pathways were noted.

Chemicals

A significant number of chemicals are used in the workshop areas. No chlorinated chemicals were observed, but a full chemical inventory was not conducted.

Sample Locations

If this building is sampled it is recommended that a sample be collected in the office area. Preferably the sample should be collected with the door closed.



East/main building ~26,000 square feet

The main building consists of a large warehouse space with a two story office area at the east side of the building. There is also a small office addition at the northwest corner of the building.

There are several enclosed areas internal to the warehouse including a drivers' lounge, storage spaces and a large men's restroom and locker area.

The office space incudes 3 to 4 individual offices, a restroom, an entry area, a conference room, and two cubical areas.

Ventilation

The warehouse has good passive ventilation due to leaky construction and open doors. The office space to the northwest and the driver's lounge are not well ventilated. The men's restroom door appears to always be open to the warehouse and the space feels well ventilated

The main office space is served by three ventilation systems. Two, located in interior closets, appear to be residential split systems that do not provide outdoor air. These systems serve the north and south portions of the office space. A third system that serves the central and front portion of the building was not observed and may or may not provide outdoor air.

Pathways

Other than plumbing conduits the only potential pathways observed were large floor drains in the warehouse space.

Chemicals

No significant chemicals or chemical usage were noted in this area. However, a diesel motor was operated during the visit and cars did have access to the interior warehouse space.

Sample Locations

Potential sample locations are; one in the northwest office space, one in the drivers' lounge, and two in the main office area. The office samples should represent the two ventilation zones that do not provide for outdoor (one in the northwest cubical area and one in the southwest office/cubical area).

Date: 01 16 2017 Site: 11/1/2	Wibb EPA Building Number	#:
Instructions: List items/products in the compounds of concern. These should significant volatiles. These may intenthe house from an occupant. This co	ential Indoor Chemical Source building or the attached warehouse/shop to be removed prior to sampling. Also, list its fere with chemical analysis. Include chemical ube chemical usage at work or in an attactionization detector (PID) can be used to hel	that may contain site ems/products that that give off als that may be tracked into ched workshop/garage. A
degreasers, spot removers, correction	in trichloroethene (TCE): gun cleaner, rubb n fluid, electrical motor cleaner (also be awa will produch within the roduch were observed and a wer not condi- Location of Product Source	re that older products are
Potential chemical source	Location of Product Source	Photograph, ingredients, PID reading?

Date: 01/16/2017 Site: Tervis Webb EPA Building Nun	nber #:
PART 4: Building Heating/Cooling/Ventilation Sys	tems
Systems Present (Main office only) What types of systems are used for heating, cooling and ventilation? Check	
☐ Air Handler(s) ☐ Package Units ☒ Window/Wall systems ☐ Radiant	heating (electric or water/steam)
☐ Evaporative Coolers ☐ Heat pump ☐ Built-up ☐ None Comments	
Do the systems present provide make-up/fresh air? (Y/N)Have the systems been evaluated for ASHRAE Standard 62 compliance? _Unkhoww	Fresh air should be supplied in all commercial/Industrial/Institutional settings. ASHRAE Standard 62, <i>Ventilation for Acceptable Indoor Air Quality</i> , has guidelines on how much air should be supplied. Meeting these requirements generally helps to mitigate VI impacts.
When was the system last tested and balanced?(att	ach report if available)
Is the ventilation system automated (building automation system)? $\sqrt{\sigma}$ If yes is the data recorded or can it be recorded?	Automation systems can be used to record
Note that the ventilation settings should be evaluated in the automative where possible.	tion system and verified manually
System operations For each of the ventilation systems describe how is outdoor air supplied? • Economizers: minimum and maximum settings cfm or %	
Manual adjustable outdoor air intakes Settings	
Fixed outdoor air intakes?	
Potential outdoor air intake not installed?	
Outdoor air intake not easily installed (e.g., split system, radiant hea	ting) 3 plit system
How frequently are the ventilation systems serviced?บนในฉบน	Generally systems should be serviced quarterly to verify performance.
Days and hours of operation for each ventilation systemOperation los	Jr.?
Do any of the ventilation systems operate during nights and weekends?	reduced settings?
Are the temperature / ventilation settings locked or routinely adjusted by the	occupants? <u>adjustable (control ion)</u>
What are the temperature settings? (note if seasonally variable) Days Weekends	Nights
If there is an economizer, does the system control outdoor air supply using:	check all that apply)

Date: 01 16 201X Site: Juvis Webb EPA Building Number #:	
Is there power exhaust?	tic pressure
Other Ventilation Issues impacting vapor intrusion potential.	
Does the ventilation system have any underground components?	Having air flow on or below the building floor can draw in vapors from the subsurface.
Is ventilation being supplied or returned under a false floor above the building slab?	
Are ducting components routed through a basement, crawlspace, or utility vault area?	<u>o</u>
Is a boiler or heater present in a basement or crawlspace? describe	
Outdoor air intakes Where are the outdoor air intakes located?	
Are any intakes near sources of chemicals / sewer vents? No	
Are there carbon filters present in the ventilation system? Uwkwww. What make and model of filters are present and how often are they changed?	MANAGEMENT

Ventilation zones and settings

Zone/ Room	System Type	Supply Air Total cfm (range if VAV)	Supply Air % outdoor (range)	Ducted y/n	Return Air cfm	Ducted y/n
				70.04410		
					-	
				4		

Date:	<u>01</u>	16	2016	Site:	1	ervis	Webb	 EPA Building Number #:	
		ţ	l		< 1				

Additional Notes:

Not Used

Non-Residential Indoor Air Quality Survey Form 21915 Date: 01 17 2017 Site: Tervis Webb EPA Building Number #: Business Name: Keliable Steel Building Products Juc. PART 1: General Information 9301 Rayo Avenue South Gate CA 90280 Tenant Information (if applicable) Interviewed: Yes No Contact Name: Email: Owner/Landlord Information Consent Access X Yes No Date: 06/10/2016 Tell Yalmer _____Interviewed: Yes No (323) 566-5000 Email: reliable yelf @ verizon.net Building/Business Type (Check appropriate boxes) School/Day-Care Retail Store Office Space Warehouse Manufacturing Single level Office/Warehouse Multi-story Strip-mall Multi-tenant Warehouse **Building Occupancy** Number of Occupants: ½10 Adults: Gender ratio M/F 8 / 2 General Age ranges: 30 - 50 Children: Number at Ages (0-6) (6-12) (9-12) (13-17) Days/Hours of occupancy 10 Duration of work shifts 8 Days/Hours of ventilation system operation Set Autowatically; manually turn off on weekends Building Characteristics

Vear/Decade Built: A50 Number of Stories: ________ Is there an attached warehouse/shop space? Les describe its use: Used for Cultury and pressing sleet Foundation Type (Check appropriate boxes) 🖄 Slab-on-Grade 🔲 Slab-above-Grade (elevated/cap-slab on fill) 🔲 Crawl Space 🔲 Basement 🔲 None Concrete or consuled floor throughout Survey Preparation Information 2001 LONG Date Prepared: 0117 2017

Affiliation: Gilbane Tederal Phone: (925)946 3196 Email: Tleong @ gilbane Co. Coul

Date: 01 17 2016 Site: Tervis Webb EPA Building Number #:	
' J	
PART 2: Factors Impacting Indoor Air Quality and Sampling	
Questions Describe renovation activities that have occurred over the last 6 months (what was done, what area, and when): \[\lambda_0 \ \mu\mu\rangle \gamma\left(\lambda) \rangle \left(\lambda) \rangle \lambda \rangle \rangle \left(\lambda) \rangle \left(\lambda) \rangle \left(\lambda) \rangle \left(\lambda) \rangle \rangle \left(\lambda) \rangle \rangle \left(\lambda) \rangle	
Have site chemicals of concern been used or stored in the building or adjacent warehouse/shop?	
Yes No Please list the general types of chemicals	
Have any significant amounts of volatile chemicals been used recently? Yes No	
Please list the chemicals	
Are there conduits for sewer gases to enter the building (dry p-traps, open clean-outs, abandoned hook-ups, poorly installed/sealed/seated plumbing)? Describe:	
All observed pumbling were being upgraded with sheet rock wall removed. Observations	
What is the temperature relative to outside? VI is promoted when the interior is warmer than the exterior	
What pathways to the subsurface were observed? Plumbing in Office and restrooms	
Were windows/doors/roll-up doors kept open?	e
Are intake or exhaust fans being used?	
Are there ventilation hoods in use? No Indicated by air moving from the outside in. Negative pressure is the main driving force that moves vapors into a building.	
Is there evidence of significant negative pressure? No	
Do parts of the indoor environment appear stagnant?	
Describe any strong odors. No Strong odors may indicate poor ventilation or an Indoor air source that may interfere with analysis.	
Building Construction	
Building Construction Materials? ☐ Concrete ☐ Concrete Block ☑ Steel ☐ Wood ☐ Other	
Does the building have an at-grade or below-grade garage?	
Does the building have an attached mechanical room?	
s the building slab constructed with post-tension concrete? UNKNOWW. Likely not	

Non-Residential Indoor Air Quality Survey Form 21915 | Site: _______ Site: _______ EPA Building Number #: ______ What are the ceiling heights? Office enclosure isside Warehow with tall ceitings **Pathway Analysis** Does the building have a basement or sub-surface structures that are/have: Unfinished Exposed soil Damp or flooded Unsealed utility lines Other Swall drawage in Are there utilities that penetrate the slab that may be conduits for soil vapor? Plum bings Are these: Connected to subsurface vaults? Connected to utilities closer to potential VI sources? In areas where pressure differential would cause air to flow through them? Is there non-ventilated space in the building (maintenance /electrical / server rooms)? No, open vulfilated Is this space occupied? _____ At what frequency/duration? ____ Are there potential pathways in this space? ___ Are there significant heat sources or other systems that may generate a significant negative pressure near the floor/slab? Are there elevators in the building? ______No If the elevators are hydraulic plunger how deep does the piston penetrate below the slab? Are there significant utilities penetrating the floor/slab? \[\frac{\partial \text{lub\upsilon} \text{1}}{\partial \text{lub\upsilon} \text{1}} \] What is the condition of the foundation/slab? __old Are there floor drains? Nes along the Center of If the foundation design specifications and/or as-built drawings are available attach. Other Information (that may be of importance in understanding the indoor air quality) **Potential Sampling Locations** General notes on potential sample locations and type. Tentative sampling date(s) and preferred times. See alladied repor

On a separate page, draw/attach the general floor plan of the building and denote potential locations of sample collection. Indicate locations of doors, windows, ventilation system components, indoor air contaminant sources and field instrument readings.

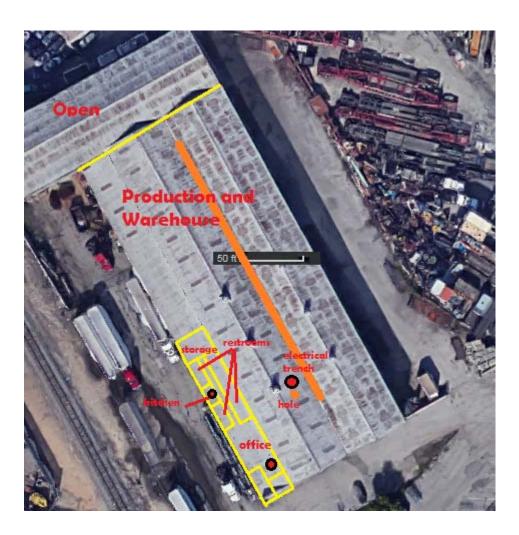
Non-Residential Indoor Air Quality Survey Form 21915

Date: 01 12 2012 Site: Javis Wah EPA Building Number #: ______

9301 Rayo ~30,000 square feet

This building consists of a large warehouse and production area and a small office area in the southwest corner of the building. The production operations in this building is mainly cutting and folding metal.

The office space consists of one office, a reception area, an office/cubical area, two restrooms, and a kitchen area. There is also a men's restroom/locker room area that opens to the warehouse space. All the plumbing in these spaces was in the process of being upgraded and sheet rock had been removed.



Ventilation

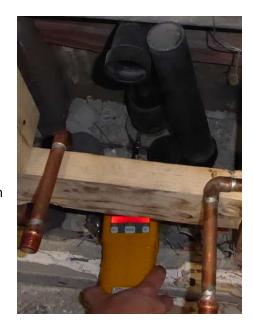
The warehouse space has significant passive ventilation due to the building construction and the warehouse doors being kept open.

The office space has one HVAC system that does not provide outdoor air and is programed to come on if demanded.

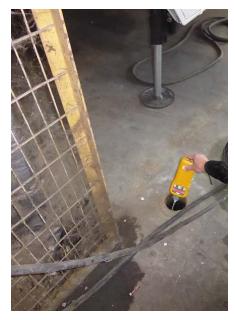
Pathways

There were significant exposed plumbing pathways in the office area. Based on a PID reading, there appeared to be vapors from the subsurface coming in from around the exposed drain in the kitchen area.

In the warehouse there is an electrical trench that runs down the center of the building to the electrical hook-ups in the southern/central portion of the building. There are also several posts in this area that penetrate the slab and a hole where a



post was removed. Vapor intrusion was evident in from the hole where the post had been removed. This is also an area of the warehouse where there is less passive ventilation due to it being between a parked recreational trailer and the electrical panels.





Chemicals

The primary chemicals used are lubricating and cutting oils. There is also a large dewar of liquid oxygen that is used by some of the cutting and welding tools. No chlorinated chemicals were observed.

Sample Locations

Two samples should be collected in the office area. One in the kitchen area near the plumbing penetrations and one in the cubical space.

One sample should be collected in the warehouse near the electrical panels and hole in the slab. An additional pathway sample could be collected from inside the hole in the slab.

Date: 01/12/2017 Site: Tuvis Wibb	EPA Building Number #:
-----------------------------------	------------------------

PART 3: Inventory of Potential Indoor Chemical Sources:

Instructions: List items/products in the building or the attached warehouse/shop that may contain site compounds of concern. These should be removed prior to sampling. Also, list items/products that that give off significant volatiles. These may interfere with chemical analysis. Include chemicals that may be tracked into the house from an occupant. This could be chemical usage at work or in an attached workshop/garage. A portable instrument, such as a photo-ionization detector (PID) can be used to help locate volatile chemicals.

Examples of products that may contain trichloroethene (TCE): gun cleaner, rubber cement, solvent degreasers, spot removers, correction fluid, electrical motor cleaner (also be aware that older products are more likely to contain TCE).

No chlorinated chemicals observed

No Cylor, haten Culturely observed				
Potential chemical source	Location of Product Source	Photograph, ingredients, PID reading?		

Date: 01/12/2013 Site: (15012 12)2005 EPA Building Num	ber #:
PART 4: Building Heating/Cooling/Ventilation Syst	ems
Systems Present What types of systems are used for heating, cooling and ventilation? Check a large Air Handler(s) Package Units Window/Wall systems Radiant Exaporative Coolers Heat pump Built-up None Comments	neating (electric or water/steam)
Do the systems present provide make-up/fresh air? (Y/N) N Have the systems been evaluated for ASHRAE Standard 62 compliance? Unknown	Fresh air should be supplied in all commercial/industrial/institutional settings. ASHRAE Standard 62, Ventilation for Acceptable Indoor Air Quality, has guidelines on how much air should be supplied. Meeting these requirements generally helps to mitigate VI impacts.
When was the system last tested and balanced? Not available (atta	ch report if available)
Is the ventilation system automated (building automation system)?	operation where an revAC folicedy is required
System operations For each of the ventilation systems describe how is outdoor air supplied? • Economizers: minimum and maximum settings cfm or % • Manual adjustable outdoor air intakes	
■ Settings	
Fixed outdoor air intakes?	
Potential outdoor air intake not installed? Nou-existent	
Outdoor air intake not easily installed (e.g., split system, radiant heat	ing)
How frequently are the ventilation systems serviced?	Generally systems should be serviced quarterly to verify performance.
Days and hours of operation for each ventilation system Wis www.	I turned ou
Do any of the ventilation systems operate during nights and weekends?	reduced settings?
Are the temperature / ventilation settings locked or routinely adjusted by the o	occupants? possibly (controler on wa
What are the temperature settings? (note if seasonally variable) Days Weekends	Nights
If there is an economizer, does the system control outdoor air supply using: (a \square Outdoor air temperature/enthalpy \square CO ₂ concentration \square Other $\underline{\hspace{1cm}}$	****

Date: 01 17 2017 Site: Twil Wibh EPA Building Number #:	
Is there power exhaust? Is the power exhaust setting dependent on economizer damper position Sta	tic pressure
Does the system use variable air volume distribution (VAV)?	
Other Ventilation Issues impacting vapor intrusion potential.	
Does the ventilation system have any underground components?	Having air flow on or below the building floor can draw in vapors from the subsurface.
Is ventilation being supplied or returned under a false floor above the building slab? $\underline{\hspace{1cm} \mathcal{N}_{\circ}}$	
Are ducting components routed through a basement, crawlspace, or utility vault area? <u>i</u>	<u>Jo</u>
Is a boiler or heater present in a basement or crawlspace? 10 describe	
Outdoor air intakes Where are the outdoor air intakes located?	0.1110000
Are any intakes near sources of chemicals / sewer vents? Not objected	PLANTING CONTRACTOR CO
Are there carbon filters present in the ventilation system? <u>UNKID</u> WWW What make and model of filters are present and how often are they changed? <u>U</u>	Kuowu

Ventilation zones and settings

Zone/ Room	System Type	Supply Air Total cfm (range if VAV)	Supply Air % outdoor (range)	Ducted y/n	Return Air cfm	Ducted y/n

Non-Residential Indoor Air Quality Survey Form 21915

Date: 01 12 2017 Site: 1655 4 565 EPA Building Number #: ______

Additional Notes:

Non-Residential Indoor Air Quality Survey Form 21915 DIT Site: Trvis Webb ____ EPA Building Number #: __ Business Name: Mike Yalm Club, LC PART 1: General Information Address: 90280 Tenant Information (if applicable) Interviewed: Yes No Contact Name: Email: Phone: Owner/Landlord Information. Consent Access \(\square\) Yes \(\square\) No Date: \(\lambda - \lambda - 20 \) Name: Will Mudalis (mangel) ___ Interviewed: 🗹 Yes 🔲 No _ Email: _ gerald rowe a quail , com Building/Business Type (Check appropriate boxes) School/Day-Care Retail Store Office Space Warehouse Manufacturing Single level Office/Warehouse Multi-story Strip-mall Multi-tenant Warehouse Building Occupancy (Apparently multiple tenants) Number of Occupants: ____ Adults: Gender ratio M/F __/ General Age ranges: ____ Children: Number at Ages (0-6) ____ (6-12) ___ (13-17) ____ Days/Hours of occupancy 6/10 Duration of work shifts 8Days/Hours of ventilation system operation Approximate Building Area (square feet): Total ~ 15,000 First Floor Is there an attached warehouse/shop space? Mascribe its use: Whatehouse Surrounded by sur allex

Offing and rooms Foundation Type (Check appropriate boxes) Slab-on-Grade Slab-above-Grade (elevated/cap-slab on fill) Crawl Space Basement None Describe Survey Preparation Information Policio Leng Date Prepared: 06 17 2017

Preparer's Name: Date Prepared: 06 17 2017

Gilbon Tedical Phone: (925) 946 3156 Email: Fleoria & gi bau Co Com

Non-Residential Indoor Air Quality Survey Form 21915

Date: 01 17 2017 Site: 1600 Webb EPA Building Number #: ______

PART 2: Factors Impacting Indoor Air Quality and Sampling

Questions Describe renovation activities that have occurred over the last 6 months (what was done, what area, and
when):
Not obsalled
Have site chemicals of concern been used or stored in the building or adjacent warehouse/shop?
Yes Mo
Please list the general types of chemicals hub tody (spail Shop with Various spray paints
Have any significant amounts of volatile chemicals been used recently? Yes No Please list the chemicals Divid and Clares's ou shelver to culori word so went? Describe any instance of water/groundwater present in the basement/crawlspace (including sumps):
Are there conduits for sewer gases to enter the building (dry p-traps, open clean-outs, abandoned hook-ups, poorly installed/sealed/seated plumbing)? Describe:
plumbing friper in restroom only; No biguificant pathorous observed.
Observations \(\)
What is the temperature relative to outside?
What pathways to the subsurface were observed? (tatrow pipu
Were windows/doors/roll-up doors kept open? Water of the outside will dilute vapors from the outside will dilute vapors from the subsurface and may mitigate
Ventilation system status and condition? <u>Non-excitent poor ventilation</u> in office areas of negative pressure.
Are intake or exhaust fans being used?
Are there ventilation hoods in use? 100 Indicated by air moving from the outside in. Negative pressure is the main driving force that moves vapors into a building.
Is there evidence of significant negative pressure? Not obscul
Do parts of the indoor environment appear stagnant? Was Many in lucional poor ventilation.
Describe any strong odors. Strong bdors may indicate poor ventilation or an Indoor air source that may interfere with analysis.
Building Construction
Building Construction Materials?
Concrete Concrete Block Steel Wood Other
Does the building have an at-grade or below-grade garage?
Does the building have an attached mechanical room? \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Is the building slab constructed with post-tension concrete? Nobably work

Date: 01 12 2017 Site: VIVIO WUBB EPA Building Number #:
What are the ceiling heights? Orice ~ 101
Pathway Analysis Warehouse alea < 20'-30'
Does the building have a basement or sub-surface structures that are/have: Unfinished Exposed soil Damp or flooded Unsealed utility lines Other
Are there utilities that penetrate the slab that may be conduits for soil vapor? Are these: Connected to subsurface vaults? Connected to utilities closer to potential VI sources? In areas where pressure differential would cause air to flow through them?
Is there non-ventilated space in the building (maintenance /electrical / server rooms)? Us with the building (strictly of list this space occupied? At what frequency/duration? Ouxium would get a few forms of the potential pathways in this space? Not observe get a few forms of the building (maintenance /electrical / server rooms)? Us with the building of the
Are there significant heat sources or other systems that may generate a significant negative pressure near the floor/slab? Will of works www. Office of a disparate the floor of the significant negative pressure near the floor/slab? Will of works with a Swall was with a significant negative pressure near the floor/slab?
If the elevators are hydraulic plunger now deep does the piston penetrate below the slab?
Are there significant utilities penetrating the floor/slab? Not significant
What is the condition of the foundation/slab? poor at warthouse, very unexpeu, flooding
Was the building constructed with a subslab system or barrier? No
Are there floor drains? Not observed
If the foundation design specifications and/or as-built drawings are available attach.
Other Information (that may be of importance in understanding the indoor air quality)
See attached Report for further details
Potential Sampling Locations
General notes on potential sample locations and type. Tentative sampling date(s) and preferred times.
See attached report for further details

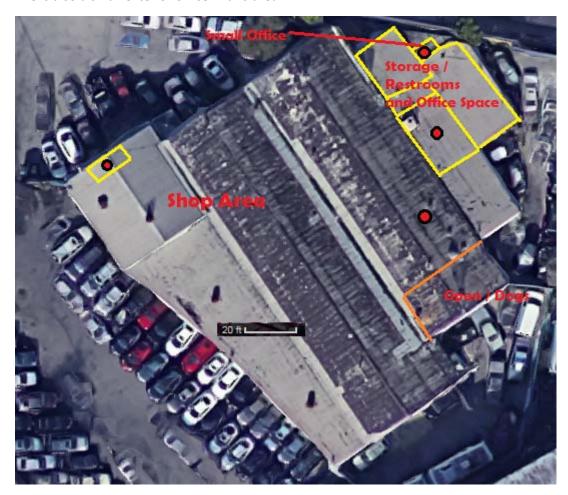
On a separate page, draw/attach the general floor plan of the building and denote potential locations of sample collection. Indicate locations of doors, windows, ventilation system components, indoor air contaminant sources and field instrument readings.

Non-Residential Indoor Air Quality Survey Form 21915 Date: 17 2017 Site: Jesvis Webb EPA Building Number #:								
Date:	01	17	2017	Site: Tervis W	cbb	EPA Building Number #:		
		•		7		_		

See affactud Report for further details

5030 Firestone ~ 15,000 square feet

This building consists of a large open shop area used to store cars and to do auto body repair and painting. Some of the doors have been removed or are not used so that the building is partially open. There is one enclosed office area inside the shop in the northwest corner. There are several additions to the shop on the northeast corner that include enclosed restrooms, storage space, and office space. The is also a small exterior office in this area.



Ventilation

The shop area is partially open to the outside providing significant passive ventilation. The enclosed spaces inside and attached to the shop area are poorly ventilated.

Pathways

No significant pathways were observed.

Chemicals

Paints and cleaners were present in the shop area; no chlorinated solvents were observed.

Sample Locations

The small office at the northeast corner of the building is continuously occupied during business hours and poorly ventilated, it should be a priority for sample collection.

One or two samples should be collected in the enclosed office and storage spaces on the east side of the building.

One sample should be collected inside the office in the northwest portion of the building.

If a sample is collected inside the shop area it should be collected from the eastern portion of the building where there is less passive ventilation.

Non-Residential Indoor Air Quality Survey Form 21915

Date: 01 17	2017 site: Javis Wubb	EPA Building Number #:	
\	' \		

PART 3: Inventory of Potential Indoor Chemical Sources:

Instructions: List items/products in the building or the attached warehouse/shop that may contain site compounds of concern. These should be removed prior to sampling. Also, list items/products that that give off significant volatiles. These may interfere with chemical analysis. Include chemicals that may be tracked into the house from an occupant. This could be chemical usage at work or in an attached workshop/garage. A portable instrument, such as a photo-ionization detector (PID) can be used to help locate volatile chemicals.

Examples of products that may contain trichloroethene (TCE): gun cleaner, rubber cement, solvent degreasers, spot removers, correction fluid, electrical motor cleaner (also be aware that older products are more likely to contain TCE).

Several points and cleaners in Shelves in the repair shop area within the warehouse. No chlorinated solumnts products observed

With the conference of the con					
	Location of Product Source	Photograph, ingredients, PID reading?			
No	Electrical Pawer OFF VOCS	0			
Custom Yarkaged Spray	- Vocs	0			
fairts!					

Non-Residential Indoor Air Quality Survey Form 21915

PART 4: Building Heating/Cooling/Ventilation Sy	stems
Systems Present What types of systems are used for heating, cooling and ventilation? Check	cly one swall office.
☐ Air Handler(s) ☐ Package Units ☒ Window/Wall systems ☐ Radia	
Evaporative Coolers Heat pump Built-up None Comment No Wixe Sychem idealified in this trivial in Do the systems present provide make-up/fresh air? (Y/N) Have the systems been evaluated for ASHRAE Standard 62 compliance?	Fresh air should be supplied in all commercial/industrial/institutional settings. ASHRAE Standard 62, Ventilation for Acceptable Indoor Air Quality has guidelines on how much air should be supplied. Nee these requirements generally helps to mitigate VI impacts
	attach report if available)
Is the ventilation system automated (building automation system)? <u></u> <u></u> <u> </u>	Automation systems can be used to rec settings during sampling and to verify H operation where an HVAC remedy is rec
Note that the ventilation settings should be evaluated in the autom where possible.	
System operations For each of the ventilation systems describe how is outdoor air supplied? • Economizers: minimum and maximum settings cfm or % • Manual adjustable outdoor air intakes Settings	
For each of the ventilation systems describe how is outdoor air supplied? Economizers: minimum and maximum settings cfm or % Manual adjustable outdoor air intakes	
For each of the ventilation systems describe how is outdoor air supplied? • Economizers: minimum and maximum settings cfm or % • Manual adjustable outdoor air intakes Settings	
For each of the ventilation systems describe how is outdoor air supplied? Economizers: minimum and maximum settings cfm or % Manual adjustable outdoor air intakes Settings Fixed outdoor air intakes?	
For each of the ventilation systems describe how is outdoor air supplied? Economizers: minimum and maximum settings cfm or % Manual adjustable outdoor air intakes Settings Fixed outdoor air intakes? Potential outdoor air intake not installed?	eating)
For each of the ventilation systems describe how is outdoor air supplied? Economizers: minimum and maximum settings cfm or % Manual adjustable outdoor air intakes Settings Fixed outdoor air intakes? Potential outdoor air intake not installed? Outdoor air intake not easily installed (e.g., split system, radiant here)	eating) Generally systems should be serviced quarterly to verify performance.
For each of the ventilation systems describe how is outdoor air supplied? Economizers: minimum and maximum settings cfm or % Manual adjustable outdoor air intakes Settings Fixed outdoor air intakes? Potential outdoor air intake not installed? Outdoor air intake not easily installed (e.g., split system, radiant he how frequently are the ventilation systems serviced?	Generally systems should be serviced quarterly to verify performance.
For each of the ventilation systems describe how is outdoor air supplied? Economizers: minimum and maximum settings cfm or %	Generally systems should be serviced quarterly to verify performance. reduced settings?

Non-Residential Indoor Air Quality Survey Form 21915

OU 12 2012 Site: REVIS Welsh EPA Building Number #:

Date: Oll (1017 Site: 7500 Web) EPA Building Number #:
Is there power exhaust?
Is the power exhaust setting dependent on \square economizer damper position \square Static pressure
Does the system use variable air volume distribution (VAV)?
Does the system use variable air volume distribution (VAV)?
Does the ventilation system have any underground components? the building floor can draw in vanors from the subsurface.
Is ventilation being supplied or returned under a false floor above the building slab?
Are ducting components routed through a basement, crawlspace, or utility vault area? \mathcal{N}°
Is a boiler or heater present in a basement or crawlspace? describe
Outdoor air intakes Where are the outdoor air intakes located?
Are any intakes near sources of chemicals / sewer vents?
Are there carbon filters present in the ventilation system? What make and model of filters are present and how often are they changed?

Ventilation zones and settings

Zone/ Room	System Type	Supply Air Total cfm (range if VAV)	Supply Air % outdoor (range)	Ducted y/n	Return Air cfm	Ducted y/n
					-	i i

Non-Residential Indoor Air Quality Survey Form 21915

Date: 17 2017 Site: 5005 WWW EPA Building Number #:

Additional Notes:

Not used

Gilbane	S	UMMA Can	ister Ambient Sample Collection Log
Project No./Task Code:	xx F103000	Date:	19/09/2017
Project Name:	bb Sepurfund Site	Field Crew:	RIOLEONG + EPA
Location ID: Riazza	65 Separtend Site	Sample ID:	001RAY0-JA01-0917
Site ID:)		IA-2017
	Sample	Location	
Northing: N	Easting: NA		Height: 3
	Samplin	ng System	
Canister Serial No.:	13	Location Sketo	ch:
Canister Certification Date:	08/24/2017	- For	piping exposed in wall selvouse Set on trash can sya Trucking
Canister Leak Check Date:	09/09/2017	T who	selvouse Set on trash
Flow Controller Serial No.:	05021	Ria	zza Trucking) Can
	Sampl	ling Log)
Parameter	Start		Stop
Time	7:29		1503
Canister Pressure (in Hg)	27.5		0
Ambient Temperature	805		
Flow Rate (mL/min)	100		
Weather Conditions:	senny		
Observations and Comments:			
Clucka	12:00 Pressure w	og at il	5
Laboratory Analytical Method	((s)·	10.000	
Laboratory Analytical Melliot	VOCS 10-		
Sampler's Printed Name:	perio Leong	Sampler's Sign	nature.
SUMMA Collection Log 031411	1		7

33				
	Gilbane	SU	JMMA Can	ister Ambient Sample Collection Log
	Project No./Task Code:	xx FI03000	Date:	09/09/2017
	Project Name: Teruis wel	ob Sepurfoud Site	Field Crew:	210 LEONG + EPA
	Location ID: Viahza	sis Seperfund site	Sample ID:	7001RAYO-IA03-0917 IA-ZOIF
	Site ID:	Ö	Event ID:	IA-2017
		Sample	Location	
	Northing: NA	Easting: NA		Height: 3
		Samplin	g System	
	Canister Serial No.:	128		h: La Offica
	Canister Certification Date:	08/24/2017	Lux Mann	Danu
	Canister Leak Check Date:	09/09/2017	Set a	at chair height
	Flow Controller Serial No.:	05034	Riazz	de office Room at chair height a Trucking
		Sampli	ng Log	
	Parameter	Start		Stop
	Time	07:39		1506
	Canister Pressure (in Hg)	29.0		2.0
	Ambient Temperature	805		
	Flow Rate (mL/min)	00/		100
	Weather Conditions:	Sunny 8	05-90	5
	Observations and Comments:			
	Pressure W.	or at around 17	- at i	1004
	Laboratory Analytical Method	l(s):	1	
		10-15	100s 510	
	Sampler's Printed Name:	Leong	Sampler's Sign	nature:
L	SUMMA Collection Log 03141			/ 1

Cilbane	S	UMMA Can	nister Ambient Sample Collection Log	
Project No./Task Code:	xx / FI03000	Date:	09/09/2017	
Project Name:	50 / FI03000 bb Separfund Site Trucking	Field Crew:	RIOLEONG + EPA	
Location ID:	Truckier	Sample ID:	01RAY0-JA02-0917	
Site ID:		Event ID:	IA-2017	
	Sample	Location		
Northing:	Easting:	MIN TO THE REAL PROPERTY OF THE PARTY OF THE	Height: 2	
		g System		
Canister Serial No.:	135	Location Sket	ch:	
Canister Certification Date:	08 24 2017	By Elec	tric Panel Wasehouse ou a chair	
Canister Leak Check Date:	09/09/2017	Set	ou a chair	
Flow Controller Serial No.:		-		
	0503)			
Parameter	Sampli Start	ng Log	Stop	
Time	7:36		1505	
Canister Pressure (in Hg)	27.0		1.5	
Ambient Temperature	805			
Flow Rate (mL/min)	N 60		100	
Weather Conditions:			1 - 0	
SUNNY V80°F				
Observations and Comments:				
Pressure was at 15 at uson				
Laboratory Analytical Method	(6): 10-15 SIN			
Sampler's Printed Name:	Leong	Sampler's Sign	nature:	

Cilbane		SUMMA Canister Ambient S	ample Collection
Project No./Task Code:	00 FI03000	Date: 09 09 2017	
Project Name:	iristone Bluch	Field Crew: ROGERIO (EONG) +	EPA
Location ID: 5030 F	irestone Bluch	Sample ID: 5030 FIRE - OA	01-0917
Site ID:		Event ID: DA-ZOI7	
	Samp	e Location	
Northing:	Easting:	Height: 4'	
	Samp	ing System	
Canister Serial No.:	450	Location Sketch:	
Canister Certification Date:	08 25 2017	Outdoor air Western Cornel	_
Canister Leak Check Date:		Western Corner	
	09/09/2017		
Flow Controller Serial No.:	05013		
	Sam	oling Log	
Parameter	Start		Stop
Time	825	152	22
Canister Pressure (in Hg)	28.0	1	C
Ambient Temperature	805	91)5
Flow Rate (mL/min)	100	10	0
Weather Conditions:	Sunny ~ 80°F		
Observations and Comments	: 1 1/1 at 1005	u_	All post des
(fressul	at 14 at use	1 - 6111	
	10-15	10C5 DJM	
1			
T-1	4(a).	1	
Laboratory Analytical Metho	d(s):	VOLS SHOT	
	d(s):	, Vous sixt	
Laboratory Analytical Methors Sampler's Printed Name:	70-15	Sampler's Signature:	

GIDATE SUMMA Canister Ambient Sample Collection Log				
Project No./Task Code:	xx FI03000	Date:	9/09/2017	
Project Name: Jervis webb Separand Site Location ID: 5030 Firestone Blvd		Field Crew:	RIOLEONG + EPA	
Location ID: 5030 Fig	restone Blvd	Sample ID: 5030 FRE - JAOI - 0917		
Site ID: FISTON	Xacel	Event ID:	IA-2017	
	Sample l	Location		
Northing:	Easting:		Height: 51 overa ladder	
	Sampling			
Canister Serial No.: Canister Certification Date:	13)	Location Sket	office at NW for tion office opposed d larger space	
	8/25/17		. 1	
Canister Leak Check Date:	109/09/17	of	of small office upgraded	
Flow Controller Serial No.:	05023	to	larger space	
	Sampli	ng Log		
Parameter Time	Start		Stop	
Time	08:30		1528	
Canister Pressure (in Hg)	28.5		Ø	
Ambient Temperature	805		909	
Flow Rate (mL/min)	00)		100	
Weather Conditions: Sunny ~ 805F				
Observations and Comments: Pressure at 14 at noon				
Laboratory Analytical Method(s): To - 15 SIM JoCs				
Sampler's Printed Name: Summa Collection Log 031411				

Gilbane	SI	UMMA Can	ister Ambient Sample Collection Log	
Project No./Task Code:	xx FI03000	Date:	09/09/2017	
Project Name:	65 Septement Site RESTONE BLVD.	Field Crew:	RIOLEONG + EPA	
Location ID: 5030 Fix	lestone BLVD.	Sample ID:	30Fire-IA02-0917	
Site ID:		Event ID:	IA-2017	
	Sample	Location		
Northing:	Easting:		Height: ∼2¹	
	Samplin	g System		
Canister Serial No.:	762	Location Sket	o was restrous	
Canister Certification Date:	08/24/2017] 111 × 14	it over a	
Canister Leak Check Date:	09 09 2017	1	et over a rach backet	
Flow Controller Serial No.:	05215			
	Sampli	ng Log		
Parameter	Start		Stop	
Time	08:40		530	
Canister Pressure (in Hg)	26.0	and the second s	0.5	
Ambient Temperature	805		905	
Flow Rate (mL/min)	(00)		100	
Weather Conditions: SUNNY NBOSF				
Observations and Comments: Pressure at 14 at uoou				
Laboratory Analytical Method	To- 15 Vol			
Summa Collection Log 03141	Leona	Sampler's Sign	nature:	

Gilbane	SU	JMMA Can	ister Ambient Sample Collection Log		
Project No./Task Code:	n /FI03000	Date:	09/09/2017		
Project No.71 ask Code: T163007200 FI03000 Project Name: Tervis webb seperfund site Location ID: 5030 Finestone BWD.		Field Crew:	RIOLEONG + EPA		
Location ID: 5030 Fina	estone BWD.	Sample ID:	5030 Fire- IA03-0917		
Site ID:		Event ID:	IA-2017		
	Sample 1	Location			
Northing:	Easting:		Height: 2		
	Sampling				
Canister Serial No.:	125	Location Sket	le office tenteru side		
Canister Certification Date:	08/25/2017	in hard	le office Eastern side house,		
Canister Leak Check Date:	09 09 2017	32+	over a chair		
Flow Controller Serial No.:	05015				
	Sampli	ng Log			
Parameter	Start		Stop		
Time	8:42		1531		
Canister Pressure (in Hg)	26.0		Ø		
Ambient Temperature			,		
Flow Rate (mL/min)					
Weather Conditions:		,			
Sunny 805F.					
Observations and Comments: Pressure at 12 at noon					
Laboratory Analytical Method(s): To-15 SIM					
Sampler's Printed Name	Sampler's Printed Name? Sampler's Signature:				

Glbane	SI	UMMA Can	ister Ambient Sample Collection Log	
Project No./Task Code:	0 1503000	Date:	09/09/2017	
Project Name:	0 710000	Field Crew:		
Jeruis Wel	ob Sepurpend Site	a comment and the same and the	RIOLEONG + EPA	
Location ID: 5030 FT	Project No. Task Code: T163007200 FI03000 Project Name: Jevis webs seperfued site Location ID: 5030 Freestove bus		Sample ID: 5030 FIRE - IA 04 - 0917	
Site ID:		Event ID:	IA-2017	
	Sample	Location		
Northing:	Easting:		Height:	
	Samplin	g System		
Canister Serial No.:	115	Location Sket	office juside	
Canister Certification Date:		11)466	house	
Canister Leak Check Date:		Set	office juside house on Desk Height	
Flow Controller Serial No.:	052/3		•	
	Sampli	ing Log		
Parameter	Start		Stop	
Time	08:34		1526	
Canister Pressure (in Hg)	29.0		2	
Ambient Temperature	80>		905	
Flow Rate (mL/min)	(00		100	
Weather Conditions:				
Sonny 803F				
Observations and Comments:				
Preside	ie at 16 at	node		
Laboratory Analytical Method	To-15 551	•		
Sampler's Printed Name:	cio Leong	Sampler's Sig	nature:	

Gibane SUMMA Canister Ambient Sample Collection Log					
Project No./Task Code:	X F103000		10 2017		
Project Name:	50 / FI03000 bb Sepurfund Site		RIOLEONG + EPA		
Location ID: Main 0	ice	Sample ID:	301RAYO-IAOI-0917		
Site ID:		Event ID:	IA-2017		
	Sample 1	Location			
Northing:	Easting: N/A		Height: 4		
	Sampling	g System			
Canister Serial No.:	123	Location Sket	ch:		
Canister Certification Date:	08 24 2017	Set Out	nlavillis desk		
Canister Leak Check Date:	09/10/2017	the the	at Desk height phionist's desk		
Flow Controller Serial No.:	05046	Mair	1 9/10		
	Sampli	ng Log			
Parameter	Start		Stop		
Time	0807		1400		
Canister Pressure (in Hg)	28.5	43	1.0° 0		
Ambient Temperature	80-905		905		
Flow Rate (mL/min)	(00)		00/		
Weather Conditions:	Sunny				
Observations and Comments:					
Laboratory Analytical Method	(6)	66.4			
	TO-15 VOCS	. (_			
Sampler's Printed Name:	tio Leong	Sampler's Sign	nature:		
SUMMA Collection Log 031411					

	Gilbane		SUMMA Can	nister Ambient Sample Collection Log
10	Project No./Task Code:	xx FI03000	Date: 09	10 2017
	Project Name:	55 Septemed Site		RIOLEONG + EPA
	Location ID: Reliab	le Steel	Sample ID:	1RAYO-IAOZ-0917 IA-ZOIF
	Site ID:		Event ID:	IA-2017
		Samp	le Location	
	Northing:	Easting:		Height: 5
		Samp	ing System	
	Canister Serial No.:	19	T .: C1 .	ellway by an exposed
	Canister Certification Date:	08 24 2017	Pipil	allway by an exposed up it side wall.
	Canister Leak Check Date:	09/10/2017		
	Flow Controller Serial No.: 05024			
	Samplin		pling Log	
	Parameter	Start		Stop
	Time	0809		1403
	Canister Pressure (in Hg)			0.1
	Ambient Temperature	809	e de distribuir de la companya de l	905
	Flow Rate (mL/min)	00)		100
	Weather Conditions:	Sonny		
	Observations and Comments:			
	11:00 (a) 15		
	Laboratory Analytical Method	1(s): [0-15	Jour Stil	
		[0] (9)	1003 970	
	Sampler's Printed Name:	Leona	Sampler's Sign	nature:
	SUMMA Collection Log 031411			<i>-</i>

Gibane SUMMA Canister Ambient Sample Collection Log				
Project No./Task Code:	n /FI03000	Date:	09/10/2017	
Project Name:	x FI03000 sis Superfund site	E: 11 C	RIOLEONG + EPA	
Location ID:	Shel		9301RAY0-JA03-0917	
Site ID:		Essent ID.	IA-2017	
	Sample I	Location		
Northing: N/A	Easting: N/A		Height: 31	
	Sampling	g System		
Canister Serial No.:	776	Location Sketc	ch:	
Canister Certification Date:	08/24/2017	1147	u postholi e warehouse	
Canister Leak Check Date:	09/10/2017	51	- at 3' larget	
Flow Controller Serial No.:	05017			
	Samplin	ng Log		
Parameter	Start		Stop	
Time	0814		1407	
Canister Pressure (in Hg)	30	41	7	
Ambient Temperature	805		905	
Flow Rate (mL/min)	100		100	
Weather Conditions: Sunny and dry				
Observations and Comments:	20 X			
Laboratory Analytical Method	(s):	100555		
Sampler's Printed Name:	io Leong	Sampler's Sign	nature:	

Gloane SUMMA Canister Ambient Sample Collection Log					
Project No./Task Code:	x	Date:	09/10/2017		
Project Name:	65 Sepréfand Site	Field Crew:	RIOLEONG + EPA		
Location ID: RELIAS	e siekl	Sample ID:	2AY0-IA04-0917		
Site ID:			IA-2017		
		Location			
Northing:	Easting: N/A		Height: 4		
	Samplin	g System	1		
Canister Serial No.:	24L	Location Sket	set on table sideatrailer isked inside Warehouse		
Canister Certification Date:	08/24/2017	i	sidea trailer		
Canister Leak Check Date:	09/10/2014	70	irked inside Warehouse		
Flow Controller Serial No.:	05214				
	Sampli	ng Log			
Parameter	Start		Stop		
Time	0818		1405		
Canister Pressure (in Hg)	26.5		0		
Ambient Temperature	805	,	905		
Flow Rate (mL/min)	100		100		
Weather Conditions: Sunny 805					
Observations and Comments:					
1170000	5				
Laboratory Analytical Method	(s):	0-15 (5	IM		
Sampler's Printed Name:	heong	Sampler's Sign	nature;		

Gilbane	SU	JMMA Can	nister Ambient Sample Collection Log
Project No./Task Code:	xx / FI03000	Date:	09/10/2017
Project Name:	Septemend Site	Field Crew:	09/10/2017 RIOLEONG + EPA
Location ID: LELIAD	LE STEEL	Sample ID:	301RAY0-0AØ1-0917
Site ID:		Event ID:	IA-2017
	Sample I	Location	
Northing:	Easting:		Height: 4
	Sampling	g System	
Canister Serial No.:	09 L	Location Sket	ch: Outside
Canister Certification Date:	08 25 2017	tro	ont Window of window of office
Canister Leak Check Date:	09/10/2017	40	imple steel office
Flow Controller Serial No.:	05206		
	Samplin	ng Log	
Parameter	Start		Stop
Time	0828		1248
Canister Pressure (in Hg)	17		
Ambient Temperature	805		965
Flow Rate (mL/min)	100		100
Weather Conditions: Sunny 805			
Observations and Comments: hast canister with Low Vaccum pressure \$17 None available to the used \$\widetarrow 11:00 & Finthy			
(i) 11:00	a 7 in Hy		V
Laboratory Analytical Method	TO-15 10	ics SIM	
Sampler's Printed Name:	ecio henna	Sampler's Sign	nature:
SUMMA Collection Log 031411			

EPA Region 9 Laboratory Canister Shipment Report

Instructions to Samplers:

The canisters listed below are provided per your request. Please note the following conditions for their use:

- Do not mark or attach adhesive labels to the canisters or the canister box.
- Record sample identification on one side of the supplied wire labels. Please leave one side of the sample tag blank for laboratory use.
- · Please return all enclosed canister fittings and devices with the canisters. Note that these devices are designed for a single use.
- Return all canisters 30 days after receipt, even if not used. Contact the Region 9 Laboratory for replacement canisters if needed.
- Identify any canisters or devices that are damaged or contaminated.
- Include a copy of this Shipment Report with the return shipment.

Canister	Туре	Status*	Cert. Date	Cert. File
24L	6L Low	Certified Clean	8/24/2017	082417MA13
109L	6L Low	Certified Clean	8/25/2017	082517MA16
110	6L Low	Certified Clean	8/24/2017	082417MA14
113	6L Low	Certified Clean	8/24/2017	082417MA15
115	6L Low	Certified Clean	8/25/2017	082517MA17
119	6L Low	Certified Clean	8/24/2017	082417MA16
123	6L Low	Certified Clean	8/24/2017	082417MA17
125	6L Low	Certified Clean	8/25/2017	082517MA18
128	6L Low	Certified Clean	8/24/2017	082417MA18
131	6L Low	Certified Clean	8/25/2017	082517MA19
135	6L Low	Certified Clean	8/24/2017	082417MA19
450	6L Low	Certified Clean	8/25/2017	082517MA20
762	6L Low	Certified Clean	8/24/2017	082417MA20
776	6L Low	Certified Clean	8/24/2017	082417MA21
5715	6L Low	Certified Clean	8/24/2017	082417MA22
6000	his t	DIS-SIM + NAPH	, 11774	7, 1122PCA evitified

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1408/28/12

^{*}Canisters individually certified are shown as Certified. Canisters certified in batches are shown as Batch Certified

EPA Region 9 LaboratoryCanister Shipment Report

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Canister	Туре	Status*	Cert. Date	Cert. File
FC5013	ow Control	In Field		
FC5015	ow Control	In Field		
FC5017	ow Control ¹	In Field		
FC5020	ow Control	In Field		
FC5021	ow Control	In Field		
FC5024	ow Control	In Field		
FC5028	ow Control	In Field		
FC5031	ow Control	In Field		
FC5033	ow Control	In Field		
FC5034	ow Control	In Field		
FC5046	ow Control	In Field		
FC5206	ow Control	In Field		
FC5213	ow Control	in Field		
FC5214	ow Control	In Field		
FC5215	ow Control	In Field		

Tuesday, August 29, 2017

^{*}Canisters individually certified are shown as Certified. Canisters certified in batches are shown as Batch Certified

9001 Rayo

West building ~ 7,000 square feet



The main part of this building is a large warehouse space used for storage. The northern portion of the building, facing Firestone Blvd., is a small office with several office spaces, two restrooms and an attached vault that is built out into the warehouse space. The office space is used to store residential items belonging to the business owner. The office space has some leaks in to roof that were evident from the previous day's rain.

Ventilation

The warehouse has significant passive ventilation, it is not well insulated and there are open and broken windows.

The office space is not well ventilated, does not have an operating ventilation system, and a strong sewer/mildew odor was present.

Pathways

There are several potential pathways through the slab in the warehouse area including current and former plumbing conduits. There are also several penetrations in the electrical closet, located in the northwest portion of the warehouse space.

The office space had two restrooms that were being used for storage. The fixtures were still in place and the traps appeared to be dry. It is likely that these are a source of sewer vapor entry. No other significant pathways were observed.

Chemicals

No chemical usage or storage was observed in this building.

Sample Locations

One ambient air sample should be centrally collected from the office space to determine the potential for vapor intrusion into this area.

One to two samples could be collected in the warehouse area, near the potential subsurface pathways.

Center building ~ 2,000 square feet

The small central building on this property is used as a machine/repair shop for truck and trailer parts. It consists of two workshop areas, a parts storage area, and an office that is accessed from the central workshop area.

Ventilation

The workshops spaces have significant passive ventilation. The office is poorly ventilated when the door connecting it to the central work area is closed.

Pathways

No pathways were noted.

Chemicals

A significant number of chemicals are used in the workshop areas. No chlorinated chemicals were observed, but a full chemical inventory was not conducted.

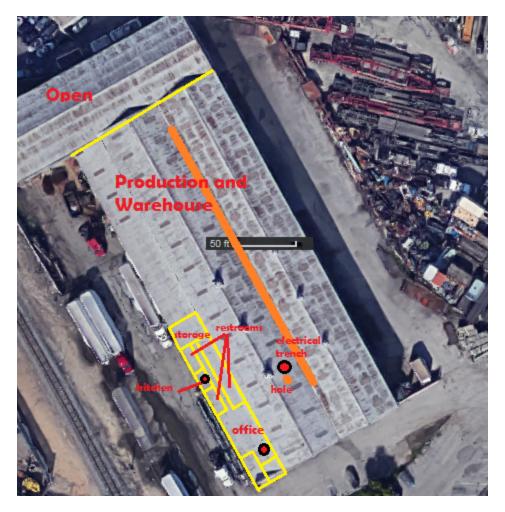
Sample Locations

If this building is sampled it is recommended that a sample be collected in the office area. Preferably the sample should be collected with the door closed.

9301 Rayo ~30,000 square feet

This building consists of a large warehouse and production area and a small office area in the southwest corner of the building. The production operations in this building is mainly cutting and folding metal.

The office space consists of one office, a reception area, an office/cubical area, two restrooms, and a kitchen area. There is also a men's restroom/locker room area that opens to the warehouse space. All the plumbing in these spaces was in the process of being upgraded and sheet rock had been removed.



Ventilation

The warehouse space has significant passive ventilation due to the building construction and the warehouse doors being kept open.

The office space has one HVAC system that does not provide outdoor air and is programed to come on if demanded.

Pathways

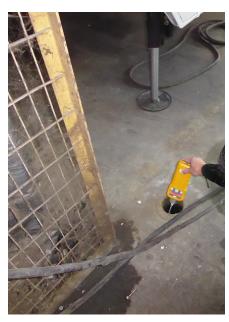
There were significant exposed plumbing pathways in the office area. Based on a PID reading, there appeared to be vapors from the subsurface coming in from around the exposed drain in the kitchen area.

In the warehouse there is an electrical trench that runs down the center of the building to the electrical hook-ups in the southern/central portion of the building. There are also several posts in this area that penetrate the slab and a hole where a



post was removed. Vapor intrusion was evident in from the hole where the post had been removed.

This is also an area of the warehouse where there is less passive ventilation due to it being between a parked recreational trailer and the electrical panels.





Chemicals

The primary chemicals used are lubricating and cutting oils. There is also a large dewar of liquid oxygen that is used by some of the cutting and welding tools. No chlorinated chemicals were observed.

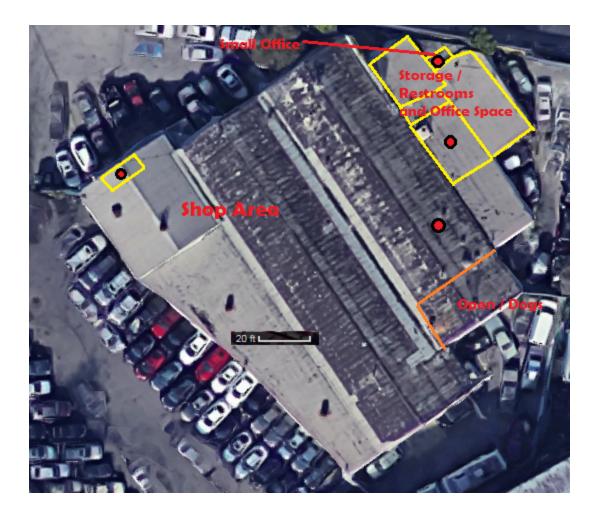
Sample Locations

Two samples should be collected in the office area. One in the kitchen area near the plumbing penetrations and one in the cubical space.

One sample should be collected in the warehouse near the electrical panels and hole in the slab. An additional pathway sample could be collected from inside the hole in the slab.

5030 Firestone ~ 15,000 square feet

This building consists of a large open shop area used to store cars and to do auto body repair and painting. Some of the doors have been removed or are not used so that the building is partially open. There is one enclosed office area inside the shop in the northwest corner. There are several additions to the shop on the northeast corner that include enclosed restrooms, storage space, and office space. The is also a small exterior office in this area.



Ventilation

The shop area is partially open to the outside providing significant passive ventilation. The enclosed spaces inside and attached to the shop area are poorly ventilated.

Pathways

No significant pathways were observed.

Chemicals

Paints and cleaners were present in the shop area; no chlorinated solvents were observed.

Sample Locations

The small office at the northeast corner of the building is continuously occupied during business hours and poorly ventilated, it should be a priority for sample collection.

One or two samples should be collected in the enclosed office and storage spaces on the east side of the building.

One sample should be collected inside the office in the northwest portion of the building.

If a sample is collected inside the shop area it should be collected from the eastern portion of the building where there is less passive ventilation.				